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STATISTICS OF LAND-GRANT COLLEGES
YEAR ENDED JUNE 30, 1921

By

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SPECIALIST IN CHARGE OF LAND-GRANT COLLEGE STATISTICS



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CONTENTS.

	Page.
Introduction.....	1
Part I.—General discussion.....	2
A generic name.....	3
Proposed Federal legislation.....	5
Reorganization of land-grant colleges.....	6
Survey of the University of Arkansas.....	7
The Alaska Agricultural College and School of Mines.....	8
Engineering experiment stations.....	11
Association of land-grant colleges.....	12
Land-grant colleges for the colored race.....	12
Division of income from the 1862 land-grant funds and of the Morrill-Nelson funds between institutions for whites and those exclusively for colored persons, 1921.....	14
Part II.—Historical survey and summary tables.....	16
Historical review of statistics of land-grant colleges (Table 2).....	16
Income of the land-grant colleges.....	18
States arranged according to amounts of the 1862 land-grant funds, year ended June 30, 1921.....	21
Part III.—Detailed tables.....	22
Directory of land-grant colleges, 1921.....	22
New buildings and additions to buildings (Table 8).....	26
Instructional staff (Tables 9 and 10).....	27
Enrollment of students (Tables 11-19).....	31
Degrees conferred (Table 20).....	49
Income (Tables 21 and 22).....	50
Expenditures (Table 23).....	56
Value of property (Table 24).....	58
Income and disbursements from the 1862 land-grant fund and income from other Federal land-grant funds, 1921.....	61
Statistics of funds received under acts of Congress of August 30, 1890, and March 4, 1907.....	64
The 1862 land-grant fund and other land-grant funds, year ended June 30, 1921.....	67

STATISTICS OF LAND-GRANT COLLEGES.

YEAR ENDED JUNE 30, 1921.

INTRODUCTION.

It is now more than 50 years since the first report on the land-grant colleges was issued by the Federal Government. That early report was submitted to the Senate and the House of Representatives on June 2, 1868, by the first United States Commissioner of Education, Henry Barnard. It contained the act of Congress approved July 2, 1862, the legislation of such States as had accepted the provisions of the act, and an account of the institutions which had at that time been established on the basis of the national land grants. Since those early days the movement fostered by the Federal Government has had a remarkable development, as is clearly obvious from the data set forth in the present report.

The land-grant colleges have grown to be very complicated institutions, performing a wide variety of services. Each State has organized these services in its own way and to its own purposes, which accounts for the great diversity existing among the different colleges. Such a condition makes it somewhat difficult to render a thoroughly accurate report on the work. It is hoped, however, that the data herein set down will serve a useful purpose in giving a brief objective description of what is being accomplished by the institutions participating in the endowments under the land-grant college legislation.

This report is divided into three parts, the first consisting of general information, the second containing a statistical historical survey and several summary tables, and the third being made up of the detailed tables for the year ended June 30, 1921.

PART I.—GENERAL DISCUSSION.

FEDERAL ACTS PERTAINING TO THE LAND-GRANT COLLEGES.

The line of Federal legislation which has been instrumental in establishing and developing the land-grant colleges began with an act of Congress approved by President Lincoln on July 2, 1862. The principal specific Federal laws bearing on the institutions are the following:

(1) Morrill Land-Grant Act of July 2, 1862. This granted public lands to the States for the endowment and maintenance of colleges "to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." The act was amended in 1866 to apply to new States.

(2) Second Morrill Act of August 30, 1890. The act made an annual appropriation for the land-grant colleges, beginning with \$15,000 for each State, and increasing this annually by \$1,000 to \$25,000, which latter amount then became the annual appropriation.

(3) Nelson Amendment of March 4, 1907. This was an amendment to the agricultural appropriation bill. It increased the annual appropriation to each State for its land-grant colleges, and it extended the conditions for the use of the appropriations.

Under the second Morrill Act and the Nelson amendment each State and the Territories of Hawaii and Porto Rico receive \$50,000 annually from the Government for their land-grant colleges. Sixty-eight institutions now participate in the appropriations under the Federal legislation, 17 of which institutions are exclusively for colored persons. Fifty-three institutions participate in the 1862 land-grant fund, four of which are exclusively for colored persons.

The following acts pertain to Federal aid for agricultural stations and extension work:

(1) Hatch Act of March 2, 1887. This act made annual appropriations of \$15,000 to each State to aid the State in establishing and maintaining an agricultural experiment station.

(2) Adams Act of March 16, 1906. This act increased the annual appropriation to each State for its agricultural experiment station. Under the Hatch and Adams Acts each State now receives annually \$30,000 from the Government.¹

¹ In all of the States the agricultural experiment station is under the management of the land-grant college, except as follows: (1) In Ohio the experiment station is entirely separate; (2) in New York the Federal funds are divided between two stations, one of which is under the land-grant college; (3) in New Jersey and in Connecticut, each, there is a State station and an agricultural college station. There are numerous branch experiment stations in many States.

(3) The Smith-Lever Act, of May 8, 1914. The act makes an annual appropriation to each State for agricultural extension work from the land-grant colleges.

There are also a number of subsidiary acts and amendments, such as the acts authorizing the detail of Army officers to the colleges as instructors in military science and tactics and the act authorizing free postage on reports.

A GENERIC NAME.

One of the interesting features of the educational provision which has developed from the 1862 land-grant act is the great diversity which prevails among the several States. The following grouping of the institutions illustrates broadly the way in which the States are carrying out the idea of the Federal legislation:

State universities.....	24
Other land-grant colleges.....	² 27
Institutions for colored persons.....	17
Total.....	68

This diversity has come about principally because of the general way in which the Federal laws were written. The 1862 land-grant act contemplated a system of institutions "to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life," the leading object being stated as, "without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and the mechanic arts, in such manner as the legislatures of the States may respectively prescribe" to accomplish the purpose stated.³ The title of the act included the phrase "colleges for the benefit of agriculture and the mechanic arts," but such name does not appear in the sections of the law. The same phrase was used in the second Morrill Act of 1890,⁴ in the Nelson amendment of 1907,⁵ and in the Smith-Lever Act of 1914.⁶

The Nelson amendment of 1907 used the words "agricultural colleges," but it specified that its provisions were for "the colleges for the benefit of agriculture and the mechanic arts," established under the first Morrill Act, which makes it clear that the term "agricultural colleges" does not precisely define what was intended. In the Smith-Lever Act the term "agricultural college" is also used. For this a justification can probably be found in the fact that the

² Known by various names, as colleges of agriculture and mechanic arts, agricultural colleges, State colleges, polytechnic institutes, etc. Nine of them call themselves colleges of agriculture or agricultural colleges. All of them give instruction in both agriculture and mechanic arts or engineering, except in Massachusetts, where the instruction in agriculture is given in the Massachusetts Agricultural College and the instruction in engineering is provided in the Massachusetts Institute of Technology.

³ Statutes at Large, vol. 12, p. 503.

⁴ Ibid., vol. 26, p. 417.

⁵ Ibid., vol. 34, I, p. 1281.

⁶ Ibid., vol. 38, I, p. 373.

extension service is limited to "subjects relating to agriculture and home economics."⁷ The act does, however, state that the work is to be in connection with the college or colleges in each State now receiving, or which may hereafter receive, the benefits of the Morrill Acts of 1862 and 1890. Were the terms strictly interpreted, they could easily lead to confusion. Do the words "agricultural college" apply to the whole institution or only to the department, division, or college of agriculture of the institution of which it forms a part?

In an act of 1895 the phrase "colleges of agriculture and mechanic arts" was used in connection with an appropriation to collect and compile statistics on the work of the colleges.⁸ This phrase was continued in the appropriation act until 1902, when the term "land-grant college" was used.⁹ It is continued to the present time. Three years later the term "land-grant colleges" was employed in a Federal statute making these institutions depositories for public documents.¹⁰

The want of a generic name was mentioned in a report of the Commissioner of Education in 1871.¹¹ The term "agricultural colleges," which some were wanting to use, was mentioned as "not only incorrect, but injurious, because it cherishes a notion that these foundations are only for the promotion of agricultural education."¹² Colleges of agriculture and the mechanic arts, "while somewhat more appropriate," was held to be "not quite comprehensive enough." It was then suggested that, as the institutions were "largely indebted to the bounty of the National Government," this feature should be employed to characterize the group, and the term "National schools of science" was accordingly used in the report.¹³

In 1887 an association of the institutions and of the agricultural experiment stations was organized under the name "Association of American Agricultural Colleges and Experiment Stations."¹⁴ In view of the comprehensiveness and diversity of the work done by the members of the association the name was in 1919 changed to the "Association of Land-Grant Colleges."¹⁵

It is because of the facts above set down that the name "land-grant colleges" is used in this report when referring to these institu-

⁷ Statutes at Large vol. 38, I, p. 372.

⁸ *Ibid.*, vol. 28, p. 798.

⁹ *Ibid.*, vol. 32, p. 161.

¹⁰ *Ibid.*, vol. 34, p. 1014.

¹¹ Rep. Commis. of Educ., 1871, p. 431.

¹² *Ibid.*

¹³ *Ibid.*, p. 432. This name had been suggested by Daniel C. Gilman, of the Sheffield Scientific School of Yale College, in an article published in the North American Review for October, 1867. The article is an excellent discussion of the purpose of the colleges. Strong opposition is taken to calling them agricultural colleges, which name was termed "an error, an injurious and dangerous error." The author furthermore stated, "The mechanic arts * * * are placed on the same footing as agriculture, and the liberal education of the industrial classes is as much an object of the grant as their practical training."

¹⁴ Proc. Assoc. Am. Agric. Col. and Exp. Stations, 1889, p. 13.

¹⁵ *Ibid.*, 1919, p. 67. President W. E. Stone, of Purdue University, said the change was "indicative of its present broader scope."

tions as a group. Occasionally there seems to be a tendency to speak of them as agricultural colleges. When this narrower term is used it should be understood to refer only to the agricultural departments in the land-grant colleges, except in the cases of the nine schools which call themselves agricultural colleges. To use it as a generic name for the institutions is obviously not in keeping with the facts, since their agricultural work does not cover one-half of the actual work of instruction which they carry on.

PROPOSED FEDERAL LEGISLATION.

For several years movements have been on foot to extend the Federal aid granted, under the land-grant college legislation. One of these is mentioned in connection with the discussion on engineering experiment stations. A second was to provide for research and experimental work in home economics in the agricultural experiment stations. A bill introduced in the Senate at various times by Senator Reed Smoot, the last time on April 12, 1921, would make the desired provision.¹⁶ This would appropriate annually to each State and Territory amounts beginning with \$2,500 and increasing annually by \$2,500 to \$10,000 for—

paying the necessary expenses of conducting original or confirmatory researches and experiments bearing directly on home economics, including both domestic science and domestic art, and printing and disseminating the results of said researches or experiments, having due regard to the varying conditions and needs of the respective States and Territories.

The bill was earlier supported by the Association of Land-Grant Colleges and by the American Home Economics Association.

An important move looking toward further Federal legislation pertains to the agricultural experiment stations. At the annual convention of the Association of Land-Grant Colleges in 1919 there was a discussion of new Federal appropriations for experiment stations, in which the need for such appropriations and the issues involved therein were explained.¹⁷ In the fall of 1920 there was an informal meeting of agricultural experiment station directors to discuss the necessity for increased support of the stations, and a series of resolutions advocating the amendment of the Hatch Act by increasing the appropriations was adopted.¹⁸ Certain principles were stated which should be embodied in the legislation. After considerable discussion of the proposal in the Association of Land-Grant Colleges, the executive committee was instructed to push the enactment of suitable legislation. At the same time those interested in home economics research requested that the bill be so formulated

¹⁶ S. 450 of 67th Congress.

¹⁷ Proc. Assoc. Land-Grant Colleges, 1919, pp. 253, 255.

¹⁸ *Ibid.*, 1920, p. 99. See also pp. 288, 290 for further discussion and action.

as to cover the provisions of the Smoot bill. Those interested in engineering research were desirous of having the bill also include provision for research related to the mechanic arts.

The result of this discussion and activity was the Purnell bill. As introduced in the House of Representatives on April 11, 1921, the bill was to authorize to be appropriated, in addition to the amounts now received by the agricultural experiment stations under the Hatch and Adams Acts, the sum of \$15,000 for the fiscal year ending June 30, 1922, this additional sum to be increased annually by \$10,000 until it reached \$85,000, after which time the additional amount was to continue at \$85,000 annually.¹⁹ The use of the funds is stated thus:

The funds appropriated pursuant to this act shall be applied only to paying the necessary expenses of conducting investigations or making experiments bearing directly on the production, manufacture, preparation, use, distribution, and marketing of agricultural products, and including such scientific researches as have for their purpose the establishment and maintenance of a permanent and efficient agricultural industry, and such economic and sociological investigations as have for their purpose the development and improvement of the rural home and rural life, and for printing and disseminating the results of said researches.

Unlike recent Federal grants, the bill would not require the States to match the Federal appropriations. The Association of Land-Grant Colleges has ceased active support of the Smoot bill in the belief that the Purnell bill, if enacted, can be construed to cover home economics research.²⁰

REORGANIZATION OF LAND-GRANT COLLEGES.

The increasing scope of work of the land-grant colleges is illustrated in the reorganizations of those institutions, which are constantly going on. Within the year 1920-21 three of them adopted the title "university" and modified their organization to a greater or a less degree.

The University of Delaware.—In 1833 the Delaware State Legislature chartered Delaware College as a private college. After a period of existence the institution closed its doors in 1859. In 1870 the State legislature designated Delaware College as the beneficiary of the 1862 land-grant, and the college was accordingly reopened. By an act of the State legislature in 1913 the college was taken over by the State, which became the sole owner. The same act in 1913 authorized the trustees to establish and maintain a college "for the instruction and education of women, affiliated with Delaware Col-

¹⁹ H. R. 3043 of 67th Congress.

²⁰ General act 1911 was a passing bill for the land-grant colleges. One of them is "to establish marketing departments in agricultural colleges in the several States of the United States." (H. R. 3154 of the 61th Congress). Two bills (H. 307 and H. R. 3096) would establish agricultural experiment stations, one in Florida under the direction and supervision of the agricultural experiment station at Gainesville and the other in California under the direction and supervision of the Department of Agriculture.

lege." An act in 1921 changed the name of Delaware College to the University of Delaware, but it made no change in the organization.

The University of Hawaii.—The legislature of the Territory of Hawaii in 1907 created an institution of higher education under the name of the "College of Agriculture and Mechanic Arts of the Territory of Hawaii." This name was subsequently changed to the College of Hawaii. By an act of the Territorial legislature in 1919 the University of Hawaii was established, and pursuant thereto the university was organized on July 1, 1920, by designating the former College of Hawaii as the college of applied science, and by adding a college of arts and sciences. The university thus was made to consist of two colleges.

The University of Maryland.—The State of Maryland in 1807 chartered the College of Medicine of Maryland in Baltimore. Five years later the college was authorized to annex other departments and was constituted a university under the title of the "University of Maryland." Under this organization it continued until 1920, its law and medical schools becoming especially prominent in the South.

In 1856 the State of Maryland chartered the Maryland Agricultural College, the second agricultural college in the Western Hemisphere. This institution, like the University of Maryland, was under private management. After the passage of the 1862 land-grant act the State Legislature of Maryland designated the Maryland Agricultural College as the beneficiary of the grant to the State. The institution continued under this arrangement until 1914, when its control was taken over by the State. Two years later a new charter was granted and the school became the Maryland State College.

In 1920 the State was ready to take a further step in its development of higher education, and the State legislature accordingly enacted a law under which the University of Maryland and the Maryland State College were merged into one corporation under the name of the University of Maryland. All the property, assets, and liabilities of the merged institutions under the act devolved upon the new corporation. The new organization was effected, and the new University of Maryland began its work during the year 1920-21. Under the plan adopted the schools of medicine, pharmacy, dentistry, and law are in Baltimore, while the college of agriculture, the schools of engineering, liberal arts, education, chemistry, and home economics, and the graduate and summer schools conduct their work at College Park, the location of the former Maryland State College.

SURVEY OF THE UNIVERSITY OF ARKANSAS.

By an act of the State Legislature of Arkansas in April, 1921, the Bureau of Education was invited and authorized to make a survey of the State university. A survey commission was appointed and the

study was accordingly made. The commission found that the university was receiving very inadequate support from the State, both financial and moral, and it concluded that this condition must be very materially changed if the institution is to function as a modern State university. The commission also learned that the fundamental cause for this indifference lay in the location of the university. Fayetteville, the present home of the institution, is in the extreme northwestern part of the State and quite inaccessible to a large part of the State. In addition to the difficulty of reaching the university for the majority of the citizens, the university is greatly hindered in performing its varied services to the State. The principal findings of the commission, therefore, centered about the university's geographical position in the State. The recommendation was "that the question of moving the university to a more central and more accessible location be referred to the voters of Arkansas for decision at the earliest possible time."²¹

Inasmuch as the land-grant college for colored persons in Arkansas is under the general management of the university, it was also given attention. The principal recommendation in this case also had to do with the location of the school. The recommendation was "that the agricultural, mechanical, and normal school be moved from its present site to a healthier location near Pine Bluff, containing adequate campus and land."²²

THE ALASKA AGRICULTURAL COLLEGE AND SCHOOL OF MINES.

The last of the States and Territories to accept the conditions of the land-grant college legislation was the Territory of Alaska. By an act of Congress approved March 4, 1913, section 33 in each township in the Tanana Valley between parallels 64 and 65 north latitude and between the 145th and 152d degree of west longitude was reserved for the support of a Territorial agricultural college and school of mines.²³ It is estimated that the amount of land thus set aside for the new land-grant college will aggregate 336,000 acres. The Territory was empowered to provide for leasing those lands for not longer than 10 years at a time. A second provision of the act reserved a site for the institution on a tract of land partly used by the United States Government for an agricultural experiment station near Fairbanks.²⁴ This latter action virtually had the effect of locating the institution.

The Territorial Legislature of Alaska in session in 1917 enacted two laws pertaining to the Alaska Agricultural College and School

²¹ Educational Survey of the University of Arkansas, p. 30. This reflects the digest of the survey commission's report.

²² *Ibid.*, p. 33.

²³ Chap. 2, sec. 3219-21.

²⁴ Fairbanks is the northern terminus of the recently completed Government railway from Seward to Fairbanks, a distance of 460 miles. Fairbanks at the time of the 1920 census had a population of 1,135.

of Mines. The first of these laws was to accept the grants of land above mentioned and also the Federal grants of the second Morrill Act and the Nelson amendment and to give assent to the purpose of the latter Federal laws.²⁵ At the same time the Alaska Agricultural College and School of Mines was designated as the beneficiary of the Morrill-Nelson funds, and the institution was located on the land reserved for it near Fairbanks. The second law pertaining to the school was an act to establish the land-grant college, which is as follows: ²⁶

AN ACT For the establishment of the Alaska Agricultural College and School of Mines in accordance with the provisions of the act of Congress approved March 4, 1915, and to grant a charter to the Alaska Agricultural College and School of Mines.

SECTION 1. *Be it enacted by the Legislature of the Territory of Alaska*, That as soon as the trustees are appointed as set forth in section 2 of this act they and their successors in office shall be and are hereby constituted a corporation under the name and style of "The Alaska Agricultural College and School of Mines," and by that name shall be capable in law of suing and being sued, taking and holding real and personal property, contracting, and being contracted with, adopting and using a corporate seal and changing such seal at their pleasure, and doing and causing to be done all matters necessary for the purposes of any function as herein set forth.

SEC. 2. *And be it further enacted*, That the government of the Alaska Agricultural College and School of Mines shall be vested in a board of eight trustees, citizens of the Territory of Alaska, who shall be appointed by the governor thereof by and with the advice and consent of the senate, and who shall serve without compensation but shall be paid their reasonable necessary expenses while engaged in the discharge of their official duties. Two of said trustees shall be appointed to serve until the first Monday of April, 1919; two to serve until the first Monday of April, 1921; two to serve until the first Monday of April, 1923; two to serve until the first Monday of April, 1925; and their successors thereafter shall be appointed for a term of eight years from the first Monday of April of the years in which they are appointed, to serve until their successors are appointed and have qualified, and any vacancy in the board shall be filled by appointment made in the same manner as in the original appointment, but only for the unexpired term thereof.

SEC. 3. *Be it further enacted*, That the Alaska Agricultural College and School of Mines shall hold all properties and all funds herein granted to it and all other property and funds hereafter acquired by it, and shall use the same for the purpose of conducting a college where the leading object shall be, without excluding other scientific and classical studies and including military tactics, to teach such branches of learning as are related to agriculture, the mechanic arts, and household economics in order to promote a liberal and practical education. All departments of said institution shall be open to both sexes for equal educational opportunities. The said trustees are hereby empowered to conduct a college extension service, the leading object of which shall be to carry information on rural life subjects to the people of Alaska.

SEC. 4. *Be it further enacted*, That the trustees of the Alaska Agricultural College and School of Mines as herein constituted shall meet and organize, and for the orderly conducting of the business of said corporation said trustees shall have the power and authority, from time to time, to elect such officers as may be required and prescribe their duties and tenures. The meetings of the board of trustees of the college shall be open to the public and the press, and all records of such meetings and of all proceed-

²⁵ Alaska Session Laws, 1917, ch. 34.

²⁶ *Ibid.*, ch. 62.

ings of said board shall be open to inspection by the public and the press at reasonable times thereafter; *Provided*, That said board may hold executive sessions, the findings of said sessions to be made a part of the record of the proceedings of said board.

SEC. 5. *Be it further enacted*, That the board of trustees of said corporation shall have full power and authority to determine the time and place of meeting and the manner of notifying its members to convene at such meetings, and also to elect, by a majority vote of the whole board, an executive head of the said college, who may attend all meetings of the board. The said board of trustees shall establish the position and fix the salaries and emoluments of the executive head of the college, all heads of departments, professors, teachers, instructors, and other officers; and the said board of trustees is further empowered to make or ordain, as the occasion may require, reasonable rules, orders, and by-laws not in conflict with the Constitution of the United States or the laws of the Territory of Alaska, with reasonable penalties, for the good government of the said corporation, for the regulation of their own body; and also, by and with the advice of the executive head of the college, to determine and regulate the course of instruction in said college; but no instruction, either sectarian in religion or partisan in politics, shall ever be permitted in any department of the college; and no sectarian or partisan test shall be allowed or exercised in the appointment of trustees or in the appointment of any instructors or other officers of the college, or in the admission of students thereto, or for any purpose whatever, and the board of trustees shall confer such appropriate degrees as they may determine and prescribe. The trustees shall have the care, control, and management of all the real and personal property and all moneys of the said college, and shall keep a correct and easily understood record of the minutes of every meeting and all acts done by them in pursuance of their duties, and shall cause to be kept a complete record of all money received and disbursements thereof. They shall make a written report to the legislature of the Territory of Alaska at the beginning of its regular sessions of the conditions of the college property, of all receipts and expenditures, and of the educational and other work performed, provided, nevertheless, that no corporate business shall be transacted at any meeting unless at least five of the trustees are present.

SEC. 6. *Be it further enacted*, That the executive head of the Alaska Agricultural College and School of Mines shall have authority, subject to the approval of the board of trustees, to give general direction to the work of the institution in all of its departments. He shall have power to appoint the heads of departments and such other professors, assistants, instructors, tutors, and other officers of the said college to the positions established by the board of trustees; and he shall define their duties and supervise the performance thereof, except that the dean of the college shall be nominated and appointed by the majority vote of the board of trustees. The trustees shall have power to remove from office any of the officers of the institution, by a majority vote of the whole board, when in their judgment the good of the college requires it, provided also, however, that the power to suspend and expel students for misconduct or other causes and to reinstate same is vested solely in the executive head of the college.

SEC. 7. *Be it further enacted*, That all powers, duties, and obligations devolving upon the said Alaska Agricultural College and School of Mines in connection with or by reason of the various and several acts of Congress of the United States of America now enacted or which may be hereafter enacted in relation to agricultural colleges and agricultural or mining experiment stations, extension work in agriculture and instruction and extension work in the mechanical arts, are hereby granted and conveyed to and imposed upon the Alaska Agricultural College and School of Mines, to be enjoyed and carried out by it in compliance with the acts of the Congress of the United States and of the legislature of the Territory of Alaska, or as may appear to the best interests of the purpose or purposes for which they were created; and the Alaska Agricultural College and School of Mines is hereby named and appointed by the legislature of the Territory

of Alaska to receive all moneys, appropriations, and grants now or hereafter coming to the Territory of Alaska from the United States Government, under any acts of Congress now in force or hereafter to be passed for the purpose or purposes herein named.

SEC. 8. That for the purpose of constructing buildings, for the purchase of equipment such as is necessary to the institution herein named, the sum of \$60,000 is hereby appropriated from the treasury of the Territory of Alaska; *Provided*, That one-half of this said amount only shall be turned over to the board of trustees of the Alaska Agricultural College and School of Mines during the calendar year of 1917.

Approved May 3, 1917.

The territorial legislature meeting in 1919 authorized the trustees to lease the lands granted to the Alaska Agricultural College and School of Mines.²⁷ It also authorized the governor to make all necessary certificates to entitle the Territory to the Morrill-Nelson funds.²⁸ Through some difficulty or oversight in the closing days of the session, however, there was a failure to appropriate funds for the administration of the college.

In 1921 the legislature appropriated \$41,000 for the institution for the biennium, \$8,000 of which might be expended for buildings.²⁹ Of the \$41,000, \$31,000 was made available at any time it was requested by the board of regents during the calendar year 1922. There was also a proviso that not more than \$21,000 might be used for buildings and equipment.

The main building of the school has been completed, and Mr. Charles E. Bunnell has been elected president. The institution plans to begin its sessions in the fall of 1922. This college, it is said, will be farther north than any other higher educational institution in the world.

ENGINEERING EXPERIMENT STATIONS.

For a number of years a most interesting development has been going on in engineering education in the land-grant colleges. At a very early date agricultural research was begun, and under acts of Congress in 1887 and 1906 it was splendidly endowed and organized in the form of agricultural experiment stations. The pronounced success of organized agricultural research is partly responsible for the movement similarly to organize and endow engineering research.³⁰ One of the most cogent reasons for such organization is that engineering research may be put on a par with agricultural research in receiving financial support from the States, it now being seriously handicapped in this respect.

The idea of the engineering experiment station seems to have been mentioned in America first in 1896, when a paper on engineering experiment stations, read before the Association of American Agricultural Colleges and Experiment Stations, advocated such an institu-

²⁷ Alaska Session Laws, 1919, ch. 34.

²⁸ *Ibid.*, ch. 124.

²⁹ *Ibid.*, 1921, ch. 8.

³⁰ For a more detailed discussion see Proc. Land-Grant Col. Assoc., 1921, pp. 282 and 289.

tion in every State and Territory.⁴¹ It was, however, not until 1903 that the first station was organized, this being done at the University of Illinois by order of the board of trustees.⁴² A few months later the State legislature of Iowa appropriated \$6,000 for the engineering department of the Iowa State College.⁴³ Through this provision an engineering experiment station was established at the Iowa institution. Other States have followed, so that 13 stations were founded prior to 1921, and the movement is continuing. Efforts have been made to secure Federal aid for the stations, but so far these have not been successful. The movement in this direction will undoubtedly do much to strengthen the splendid work in engineering which is being done at the land-grant colleges.

There is now a very active engineering section of the Association of Land-Grant Colleges which is giving much attention to engineering education as it pertains to instruction, research, and extension work. In December, 1920, a committee of the section began issuing quarterly reports on engineering experiment stations of the land-grant colleges. This activity at once created a renewed interest in the movement to increase the number of stations, and several additional stations have since been established.

ASSOCIATION OF LAND-GRANT COLLEGES.

The thirty-fourth annual convention of the Association of Land-Grant Colleges was held at Springfield, Mass., October 19-22, 1920. It was the first meeting following the reorganization of the association in 1919 and the change of name of the association. So wide was the range of subjects discussed at the meetings that any attempt at a summary is likely to be more or less futile. One phase of land-grant college education, however, was much under consideration—how to improve college teaching. It is a subject which has recently been receiving much consideration in higher education circles.

LAND-GRANT COLLEGES FOR THE COLORED RACE

(a) CITIZENS' CONFERENCE ON NEGRO EDUCATION.

An interesting development occurred during the year with reference to the colored land-grant institutions. During September, October, and November, 1920, the specialist in charge of land-grant college statistics of the Bureau of Education visited each of the 17 schools to study their work and possibilities. His report was to the effect that considerable progress had been made during the preceding five years, which progress was much more marked in some States

⁴¹ *Proc. Assoc. Am. Agric. Colleges and Stat. Stations*, 1906, p. 116.

⁴² *Ann. of Ill.*, 30th, Vol. I, No. 33, p. 62.

⁴³ *The Supp. Iowa State College of Agric. and Mech. Arts*, notice to the governor of 1893, pp. 44, 77, 138.

than in others. In spite of this progress, however, it seemed very evident that there was something fundamentally wrong with these institutions. The student of land-grant college education finds much to condone this failure in the fact that the land-grant colleges for whites were many years in finding their sphere of greatest usefulness. It is through such an evolution that the negro land-grant colleges are now passing.

The report enumerated the following as reasons for the existing condition of affairs:

a. A prejudice of certain groups of individuals against State-supported higher education for both whites and Negroes.

b. A belief and a fear that the education of the Negro to any extent whatever, industrially or academically, will ultimately endanger the social, economic, and political status quo and lead to serious consequences.

c. Furthermore, in the past there has been a lack of knowledge and sympathy on the part of State educational officers and boards of trustees with the educational principles and practices comprehended in the Morrill Acts as applied in both white and colored colleges.

d. A strong preference on the part of the older colored educational leaders, many of whom were ministers, for the classical and humanistic college courses of study, and an equal preference by negro parents for the higher professions of the ministry, law, and medicine, and for the classical education recommended by the colored leaders as a necessary prerequisite.

e. Again, the inability on the part of the State through its constituted legislative and educational authorities to consider the negro land-grant college as a probable asset of great importance to be utilized along the lines of a well-defined and progressive policy for developing the wealth and the property of the State, not to speak of the value of the college in making better, cleaner, and more loyal citizens of the State and Nation young men and women trained for the lowest as well as for the highest types of service in the fields of agriculture, industry, the home, and teacher training. In the words of Gov. Bickett, of North Carolina, "We have only tickled the soil where we should have plowed deep."

f. Finally, because they can not obtain the educational advantages desired, scores and hundreds of the more talented colored youth have been leaving the South to obtain the education they desire in the North, with the result that those who return are often ill-adjusted to conditions in their home communities, and they tend to aggravate those racial troubles which are feared by those who desire on account of possible trouble to withhold or seriously limit the education of the colored race.

As a result of the investigation, the Commissioner of Education, Dr. P. P. Claxton, held a citizens' conference on negro education and training of teachers for negro schools, at Atlanta, Ga., on November 19 and 20, 1920. This was attended by 121 delegates and others interested in the problems of negro education, the purpose being the promotion of a more modern form of training for colored people than was too frequently found. The conference aroused much interest and will undoubtedly be productive of much good.

(b) FEDERAL FUNDS FOR LAND-GRANT COLLEGES FOR THE COLORED RACE.

The recent developments in land-grant colleges for the colored race are resulting in a greater attention to the distribution of Federal funds for these institutions. In Table 1 data are given to illustrate the fundamental facts on this point. The provision of the Federal statute bearing on the issue is the following from the Morrill Act of 1890:²¹

Provided, That no money shall be paid out under this act to any State or Territory for the support and maintenance of a college where a distinction of race or color is made in the admission of students, but the establishment and maintenance of such colleges separately for white and colored students shall be held to be a compliance with the provisions of this act if the funds received in such State or Territory be equitably divided as hereinafter set forth: *Provided*, That in any State in which there has been one college established in pursuance of the act of July 2, 1862, and also in which an educational institution of like character has been established, or may be hereafter established, and is now aided by such State from its own revenue, for the education of colored students in agriculture and the mechanic arts, however named or styled, or whether or not it has received money heretofore under the act to which this act is an amendment, the legislature of such State may propose and report to the Secretary of the Interior a just and equitable division of the fund to be received under this act between one college for white students and one institution for colored students established as aforesaid, which shall be divided into two parts and paid accordingly, and thereupon such institution for colored students shall be entitled to the benefits of this act and subject to its provisions, as much as it would have been if it had been included under the act of 1862, and the fulfillment of the foregoing provisions shall be taken as a compliance with the provision in reference to separate colleges for white and colored students.

TABLE 1.—*Division of the income from the 1862 land-grant funds and of the Morrill-Nelson funds between institutions for whites and those exclusively for colored persons, for year ended June 30, 1921.*

A. THE 1862 LAND-GRANT FUND INCOME

States.	Proportion to—		Basis of Division.	Amount for year ended June 30, 1921.	
	White.	Colored.		White.	Colored.
Connecticut	0.00	0.00	At the discretion of the legislature.	\$5,514.50	\$5,514.50
Massachusetts	0.00	0.00	do.	5,014.50	5,014.50
South Carolina	0.00	0.00	do.	5,734.00	5,734.00
Vermont	0.00	0.00	do.	20,038.72	10,019.36
Total	0.00	0.00		\$26,271.72	\$26,271.36

²¹ The interesting fact for colored persons is that in these four States no participation in the 1862 land-grant fund. Under a 1914-15 provision appropriated to the institution \$6,000 which would be in loss of new claims of the colored population of this State until the proceeds to the agricultural land-grant college donated by the Congress of the United States and act of Congress approved July 2, 1862.

²² Under act of June 26, 1890, the fund here considered was equally divided between the institution for white persons and that for colored persons. The institution for whites expended \$1,000 of its funds for the purchase of property, while income received its fund. The question for the larger measure of the institution for colored persons.

²³ STAT. L., vol. 36, p. 418.

TABLE 1.—*Division of the income from the 1862 land-grant funds and of the Morrill-Nelson funds between institutions for whites and those exclusively for colored persons, for year ended June 30, 1921—Continued.*

B. THE MORRILL-NELSON FUND.

States.	Proportion to—		Basis of division.	Amount for year ended June 30, 1921.	
	White.	Colored.		White.	Colored.
Alabama.....	0.569	0.431	Population of legal school age (State school census).	\$29,520.00	\$20,480.00
Arkansas.....	$\frac{1}{11}$	$\frac{1}{11}$	Arbitrary (act of legislature).....	36,363.64	13,636.36
Delaware.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	40,000.00	10,000.00
Florida.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	25,000.00	25,000.00
Georgia.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	33,333.34	16,666.66
Kentucky.....	0.855	0.145	Population of races.....	42,750.00	7,250.00
Louisiana.....	0.595	0.405	School population; law does not specify.	29,732.48	20,267.52
Maryland.....	$\frac{1}{11}$	$\frac{1}{11}$	Arbitrary (law does not specify).....	40,000.00	10,000.00
Mississippi.....	0.455	0.545	Educable children of both races.....	22,730.73	27,269.27
Missouri.....	$\frac{1}{11}$	$\frac{1}{11}$	Children of school age of both races.....	46,875.00	3,125.00
North Carolina.....	0.67	0.33	Total population of races.....	35,500.00	16,500.00
Oklahoma.....	$\frac{1}{11}$	$\frac{1}{11}$	Arbitrary (act of legislature).....	45,000.00	5,000.00
South Carolina.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	25,000.00	25,000.00
Tennessee.....	$\frac{1}{11}$	$\frac{1}{11}$	Scholastic population of races.....	38,000.00	12,000.00
Texas.....	$\frac{1}{11}$	$\frac{1}{11}$	Arbitrary (act of legislature).....	37,500.00	12,500.00
Virginia.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	33,333.33	16,666.67
West Virginia.....	$\frac{1}{11}$	$\frac{1}{11}$	do.....	40,000.00	10,000.00
Total.....	0.704	0.296		598,638.52	251,361.48

^a The law made the division of \$3,000 annually for the colored school for five years, after which time it was to have \$5,000 annually. When the Federal fund was doubled this amount was also doubled in practice, though the law does not seem to have been changed.

(c) CHANGE OF INSTITUTIONS IN VIRGINIA.

One of the most prominent and oldest institutions for the education of colored persons is the Hampton Normal and Agricultural Institute, located at Hampton, Va. This was opened in 1868 as a private institution, under the American Missionary Association. By special act of the General Assembly of Virginia the school was chartered in 1870 and became independent of denominational control. In 1872 the school became a beneficiary of the 1862 land-grant fund, and by legislative enactment received one-third of the income. Later the same proportion of the Morrill-Nelson fund was devoted to the institute. The Federal funds were under the supervision of a board of curators appointed by the governor.

In 1920 the General Assembly of Virginia made the Virginia Normal and Industrial Institute at Petersburg the beneficiary of the Federal funds. This school was founded in 1882 by the State of Virginia and is controlled by the State board of education through a board of visitors. Its support is largely from State appropriations. The school is well managed, and the prediction is it will be a strong representative of Negro land-grant college education.

PART II.—HISTORICAL SURVEY AND SUMMARY TABLES.

This section presents statistics of a number of items to show the developments in the past 10 years. One table gives the amount of Federal funds received by the land-grant colleges from their beginning. Two tables are given to show the relative status of the institutions in the year ended June 30, 1921, regarding enrollment and income. Finally, a table is included to show the status of the 1862 land-grant fund and its earnings.

TABLE 2.—*Historical review of statistics of land-grant colleges.*

Professors, students, finances.	1910-11	1915-16	1920-21
I.—PROFESSORS AND INSTRUCTORS.			
Professors, instructors, extension workers, and experiment station staff			
In institutions for white students	6,435	9,991	17,186
In institutions exclusively for colored students	467	595	556
Total	6,902	10,496	17,742
II.—STUDENT ENROLLMENT.			
Total enrollments:			
In institutions for white students	89,574	119,886	177,641
In institutions exclusively for colored students	8,148	10,693	11,527
Total	97,722	130,499	189,168
Students in regular college courses in certain subjects in institutions for white students			
Agriculture	7,696	15,705	16,111
Horticulture	217	684	554
Forestry	595	939	445
Veterinary science	593	841	612
Home economics	2,108	5,177	7,308
Mechanical engineering	4,306	1,549	7,914
Civil engineering	1,429	3,015	5,392
Railway engineering	149	17	17
Electrical engineering	2,435	3,921	6,950
Mining engineering	1,929	621	1,994
Chemical engineering	87	1,081	3,204
Natural sciences	148	256	49
Physical sciences	113	191	265
General engineering	1,600	2,143	511
Architecture	697	899	178
Chemistry	766	719	759
Physics	232	198	
General studies	4,255	6,673	
Students in military science and finance:			
In institutions for white students	19,946	1,296	31,057
In institutions exclusively for colored students	2,297	5,177	4,409
Total	22,243	6,473	35,466
III.—FINANCIAL COMPARISON.			
Expenditures for last fiscal year:			
In agricultural courses	396	2,584	2,561
In mechanical, electrical, and civil engineering courses	5,139	7,329	7,004
In home economics	208	721	816
All other courses	3,964	3,573	6,004
Total	9,607	14,197	16,385
Available income:			
In agricultural courses	47	229	155
In mechanical, electrical, and civil engineering courses	111	289	264
In home economics	28	77	114
All other courses	188	615	965
Total	374	1,150	1,498

1 Not including institutions exclusively for colored students.

TABLE 2.—*Historical review of statistics of land-grant colleges—Continued.*

Professors, students, finances.	1910-11	1915-16	1920-21
IV.—BOOKS AND PAMPHLETS IN LIBRARIES.			
Number of bound volumes.....	2,652,006	3,797,334	5,072,826
Number of pamphlets.....	769,327	1,424,432	1,879,030
Total.....	3,421,333	5,221,766	6,951,856
V.—INCOME.			
State fund:			
From endowments granted by the State.....	\$114,453	\$135,444	\$169,008
From mill-tax levy and appropriations for support.....	7,904,088	15,671,393	28,999,322
From mill-tax levy and appropriations for permanent improvements.....	3,294,279	3,462,623	5,170,449
Total State aid.....	11,312,820	19,269,460	34,338,779
United States funds:			
From land-grant fund of 1862.....	783,366	884,514	1,063,460
From other land-grant funds.....	235,445	193,573	288,886
From Morrill-Nelson funds of 1890 and 1907.....	2,250,000	2,500,000	2,500,176
Total Federal aid.....	3,268,811	3,578,087	3,858,522
Institutional funds:			
From college endowment funds.....	748,990	1,144,075	2,206,433
From tuition fees, board, and lodging ¹	2,436,542	3,741,429	12,966,230
From departmental earnings.....	(8)	(8)	4,378,656
From private gifts.....	745,179	6,135,505	4,437,956
Miscellaneous.....	2,067,217	4,406,266	4,355,268
Total institutional funds.....	5,997,928	15,427,275	28,347,543
Grand total of income for instruction and administration.....	20,579,559	38,274,822	66,544,844
Funds for the experiment stations:			
State funds.....	776,563	1,059,018	3,289,354
United States funds.....	1,358,538	1,362,000	1,362,000
Private gifts.....	(4)	(4)	27,215
Experiment station earnings.....	(4)	(4)	1,492,107
Total funds for experiment stations.....	2,135,101	2,421,018	6,170,676
Funds for the extension service:			
State funds, Smith-Lever and others.....	369,389	1,364,356	5,195,171
United States funds.....	(4)	1,113,490	4,956,913
County, city, or association funds.....	(4)	(4)	2,204,657
Private gifts and miscellaneous.....	(4)	(4)	485,856
Total for extension service.....	369,389	2,477,846	12,842,597
Grand total income of institutions.....	23,084,049	43,173,686	85,558,117
VI.—VALUE OF PROPERTY.			
Land-grant funds, including unsold land.....	\$28,215,699	\$33,272,959	\$31,129,952
Other endowment funds.....	17,604,489	30,431,988	33,741,159
Farms, grounds, and buildings.....	61,493,286	89,225,016	127,009,068
Apparatus and machinery.....	11,816,248	18,603,947	30,026,551
Libraries.....	5,476,287	6,441,133	9,108,027
Live stock.....	741,084	1,444,395	2,323,943
Total.....	125,347,093	179,519,438	233,338,700
VII.—FEDERAL LAND-GRANT FUNDS.			
Land grant of 1862:			
Value of fund.....	13,282,097	15,001,129	16,457,338
Value of unsold land.....	4,246,391	7,778,793	5,627,390
Other land grants:			
Value of fund.....	3,358,080	3,717,132	6,580,378
Value of unsold land.....	7,329,131	6,775,905	2,464,846
Total.....	28,215,699	33,272,959	31,129,952

¹ Includes unexpended balances from previous year.² Receipts from board and lodging included in 1920-21 but not in 1910-11 and in 1915-16.³ Included in miscellaneous.⁴ Not reported.

TABLE 2.—*Historical review of statistics of land-grant colleges—Continued.*

DISBURSEMENTS OF MORRILL-NELSON FUNDS, BY SUBJECTS.

Subjects	1910-11		1917-18		1920-21	
	Amount disbursed	Per cent of total	Amount disbursed	Per cent of total	Amount disbursed	Per cent of total
Agriculture	\$502,347	22.4	\$601,691	24.1	\$581,669	25.5
Mechanics and trades	605,363	27.0	608,347	27.6	656,443	27.1
English literature	225,268	10.1	211,989	8.4	240,227	9.6
Mathematics and science	301,417	13.1	197,022	7.8	184,901	7.4
Natural and physical sciences	526,423	23.1	581,297	23.1	669,360	28.0
Education in general	130,894	6.2	184,813	7.4	192,368	8.1
Training teachers of vocational subjects...	8,693	1.7	31,777	1.4	30,361	1.8
Total	2,228,636	100.0	2,516,231	100.0	2,496,619	100.0

TABLE 3.—*Income of the land-grant colleges from Federal sources.¹*

Years.	From land grant of 1862 ²	From other Federal land grants ³	Morrill-Nelson Act	Hatch Act ⁴	Aldrich Act ⁵	Smith-Lever Act	Smith-Hughes Act
1	2	3	4	5	6	7	8
1872-73	\$431,697						
1873-74	382,164						
1874-75	401,975						
1875-76	449,858						
1876-77	449,470						
1877-78	319,303						
1878-79	421,086						
1879-80	450,468						
1880-81	491,229						
1881-82	296,010						
1882-83	500,761						
1883-84	447,609						
1884-85	488,619						
1885-86	498,367						
1886-87	561,294						
1887-88	649,128			\$400,000			
1888-89	477,412			600,293			
1889-90	641,161		\$600,000	602,021			
1890-91	449,341		704,138	551,080			
1891-92	469,317		718,169	573,362			
1892-93	604,478		600,000	573,699			
1893-94	581,436		511,000	597,311			
1894-95	515,334		500,000	588,751			
1895-96	619,436		5,015,103	596,111			
1896-97	596,312		5,018,000	594,000			
1897-98	598,218		5,004,000	596,400			
1898-99	615,766		5,118,000	598,307			
1899-1900	644,177		5,014,000	598,800			

¹ The disbursements include all Federal money which the agricultural colleges received, and the contributions, for example, received from the United States Department of Social Hygiene. Under the following schedules (1864-15, 1865-16, 1866-16, 1867-17) these funds were used for agricultural instruction, for the promotion of vocational education and for research in general science. Funds not returned to colleges from agricultural courses or from other sources are not included, as, for example, money from the Bureau of Public Health for hygiene research. Funds from the Fisheries Division of the Department of Agriculture are not included, as they are not in the account of a direct appropriation to the agricultural colleges.

² The figures for the first year after the passage of the law show that they well covered some of the expenses incurred under the new system, although it is probable that they are not fully covered in any instance, especially in the earlier years. All the data from 1890-1899, 1900-1901, and 1902-1903 are for the receipts of the colleges from the land grant of 1862, the money from the Hatch and Aldrich Acts being added to the receipts from the land grant of 1862. The figures for 1904-1905 and 1906-1907 are for the receipts from the land grant of 1862, the money from the Hatch and Aldrich Acts being added to the receipts from the land grant of 1862. The figures for 1908-1909 and 1910-1911 are for the receipts from the land grant of 1862, the money from the Hatch and Aldrich Acts being added to the receipts from the land grant of 1862.

³ The amount available in 1914 under 1897 for experiment in a process similar to those in column 2.

⁴ The appropriation for the agricultural experiment stations in Ohio, the Station at Geneva, N. Y., and the Station at New Haven, Conn., which stations are independent of land grant colleges.

TABLE 3.—*Income of land-grant colleges from Federal sources—Continued.*

Years.	From land-grant of 1862.	From other Federal land grants.	Morrill- Nelson Acts.	Hatch Act.	Adams Act.	Smith- Lever Act.	Smith- Hughes Act.
1	2	3	4	5	6	7	8
1900-1.....	\$682,690	\$54,446	\$1,200,000	\$695,999			
1901-2.....	684,141	115,919	1,200,000	695,470			
1902-3.....	688,861	129,609	1,200,000	695,999			
1903-4.....	730,004	115,959	1,200,000	695,000			
1904-5.....	721,494	133,589	1,200,000	694,163			
1905-6.....	758,754	139,397	1,200,000	695,618	\$234,500		
1906-7.....	741,819	164,096	1,200,000	695,859	277,909		
1907-8.....	737,732	140,328	1,500,000	695,674	416,262		
1908-9.....	763,275	161,791	1,750,000	695,726	508,655		
1909-10.....	772,974	225,307	2,000,000	695,200	602,325		
1910-11.....	783,366	235,445	2,250,000	692,301	692,593		
1911-12.....	832,673	197,078	2,500,000	694,851	695,421		
1912-13.....	859,074	186,551	2,500,000	695,541	695,421		
1913-14.....	846,087	246,111	2,500,000	690,410	675,575		
1914-15.....	856,838	195,239	2,500,000	695,180	695,700	\$474,935	
1915-16.....	884,514	193,573	2,500,000	696,000	696,000	1,077,924	
1916-17.....	930,170	241,840	2,500,000	695,257	694,493	1,575,054	
1917-18.....	979,379	365,411	2,500,000	695,897	696,000	2,768,166	\$107,876
1918-19.....	874,061	354,843	2,500,000	691,836	686,371	2,538,828	225,096
1919-20.....	941,375	319,633	2,500,000	696,012	696,002	4,464,390	349,588
1920-21.....	1,063,460	284,886	2,500,000	696,000	696,000	5,054,436	439,400
Total.....			51,308,000	23,181,380	9,659,227	17,253,633	1,121,600

° Estimated.

TABLE 4.—*Land-grant colleges arranged according to total numbers of graduate, undergraduate, and professional students in year ended June 30, 1921.¹*

State universities. ²	Students enrolled.	Other land-grant colleges. ²	Students enrolled.
California.....	13,640	Pennsylvania.....	5,035
Minnesota.....	9,854	Iowa.....	3,584
Wisconsin.....	9,669	Massachusetts: Cambridge.....	3,436
Illinois.....	9,451	Oregon.....	3,233
Ohio.....	8,007	Indiana.....	3,020
Missouri.....	5,731	Kansas.....	2,383
Nebraska.....	5,643	Washington.....	2,086
New York.....	5,331	Texas.....	1,636
West Virginia.....	1,725	Michigan.....	1,606
Maryland.....	1,672	Mississippi.....	1,197
Arizona.....	1,475	Alabama.....	1,152
Arkansas.....	1,429	Oklahoma.....	1,049
Louisiana.....	1,405	Colorado.....	1,010
Kentucky.....	1,332	New Jersey.....	892
Maine.....	1,241	Virginia.....	853
Tennessee.....	1,191	New Hampshire.....	845
Idaho.....	1,073	Georgia.....	788
Vermont.....	981	North Carolina.....	773
Florida.....	666	South Carolina.....	714
Nevada.....	559	Utah.....	670
Wyoming.....	483	Montana.....	607
Delaware.....	479	Massachusetts: Amherst.....	506
Porto Rico.....	371	South Dakota.....	480
Hawaii.....	246	North Dakota.....	375
		Rhode Island.....	350
		Connecticut.....	308
		New Mexico.....	134
Total.....	83,659	Total.....	38,722

¹ Not including land-grant colleges exclusively for colored persons.² For full name of institution see Table 7.

TABLE 5.—*Land-grant colleges arranged according to total income for the year ended June 30, 1921.*

INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

State universities. ¹	Total income.	Other land-grant colleges. ¹	Total income.
California.....	\$6,867,142	Texas.....	\$3,148,022
New York.....	6,222,267	Iowa.....	2,770,937
Minnesota.....	6,065,889	Massachusetts: Cambridge.....	2,717,823
Wisconsin.....	4,682,115	Oregon.....	1,984,063
Illinois.....	4,471,679	Pennsylvania.....	1,963,026
Ohio.....	3,240,729	Michigan.....	1,928,862
Nebraska.....	2,740,554	Indiana.....	1,808,778
Missouri.....	2,104,096	Kansas.....	1,745,075
West Virginia.....	1,394,129	Washington.....	1,289,091
Kentucky.....	1,297,298	Mississippi.....	1,269,098
Maine.....	1,114,233	North Carolina.....	1,230,924
Maryland.....	1,077,677	Oklahoma.....	1,214,210
Tennessee.....	966,953	Massachusetts: Amherst.....	1,156,621
Arizona.....	876,577	Virginia.....	1,128,576
Louisiana.....	826,655	New Jersey.....	1,128,477
Idaho.....	821,618	Alabama.....	1,062,149
Arkansas.....	746,954	South Dakota.....	1,042,700
Wyoming.....	728,691	Connecticut.....	922,321
Vermont.....	649,245	South Carolina.....	769,150
Florida.....	496,755	Colorado.....	758,489
Delaware.....	455,791	North Dakota.....	721,889
Nevada.....	394,652	Georgia.....	691,644
Porto Rico.....	240,827	Montana.....	635,710
Hawaii.....	194,727	Utah.....	530,058
		New Hampshire.....	519,851
		Rhode Island.....	364,670
		New Mexico.....	356,748
Total.....	\$8,447,134	Total.....	34,878,153

¹ For full name of institution see Table 7.

INSTITUTIONS FOR COLORED STUDENTS.

Institutions.	Total income.	Institutions.	Total income.
Virginia.....	\$815,647	Alabama.....	\$90,234
Texas.....	418,366	Florida.....	79,811
West Virginia.....	266,918	Missouri.....	74,782
Oklahoma.....	123,877	Maryland.....	48,888
South Carolina.....	114,792	Delaware.....	42,128
Kentucky.....	113,299	Arkansas.....	40,764
North Carolina.....	109,817	Georgia.....	24,667
Mississippi.....	109,625		
Louisiana.....	95,155	Total.....	2,669,661
Tennessee.....	93,891		

TABLE 6.—States arranged according to amounts of the 1862 land-grant funds, year ended June 20, 1921.¹

States.	Value of the fund and of unsold land.	Value of the fund.	Value of unsold land.	Income for the year from said funds.
South Dakota.....	\$2,261,364	\$975,604	\$1,285,760	\$65,205.72
Washington.....	1,906,204	506,567	1,399,637	27,408.83
North Dakota.....	1,479,998	1,074,506	405,492	56,662.81
Michigan.....	1,024,925	1,001,425	23,500	70,685.37
Montana.....	841,912	227,664	614,248	18,588.08
Wyoming.....	798,616	162,041	636,575	15,894.14
California.....	745,153	733,735	11,418	39,763.42
Idaho.....	700,000	700,000	.....	49,565.69
New Mexico.....	697,609	97,609	600,000	.....
New York.....	688,576	688,576	.....	34,428.80
Nebraska.....	688,382	638,288	50,094	33,229.00
Iowa.....	686,818	686,818	.....	31,812.93
Colorado.....	671,444	271,444	400,000	17,853.19
Illinois.....	649,013	649,013	.....	32,450.65
Minnesota.....	579,430	579,430	.....	28,159.15
Missouri.....	547,533	365,881	181,652	17,924.07
Ohio.....	524,177	524,177	.....	31,450.60
Virginia.....	516,468	516,468	.....	30,988.08
Kansas.....	501,354	491,747	9,607	24,923.95
Pennsylvania.....	500,000	500,000	.....	30,000.00
Tennessee.....	400,000	400,000	.....	23,960.00
Arizona.....	344,928	344,928	.....	32,669.78
Indiana.....	340,000	340,000	.....	17,000.00
Wisconsin.....	303,715	303,595	120	11,934.07
Utah.....	280,802	279,515	1,287	26,843.89
Alabama.....	253,500	253,500	.....	20,280.00
Georgia.....	242,202	242,202	.....	16,954.14
Massachusetts.....	219,000	219,000	.....	10,950.00
Mississippi.....	212,150	212,150	.....	12,729.00
Oregon.....	211,384	203,384	8,000	11,272.59
Texas.....	209,000	209,000	.....	10,450.00
South Carolina.....	191,800	191,800	.....	11,508.00
Louisiana.....	182,313	182,313	.....	9,115.69
Kentucky.....	165,000	165,000	.....	9,900.00
Florida.....	151,800	151,800	.....	7,665.00
Connecticut.....	135,000	135,000	.....	6,750.00
Vermont.....	135,000	135,000	.....	8,130.00
Arkansas.....	132,667	132,667	.....	6,903.34
North Carolina.....	125,000	125,000	.....	7,500.00
Maine.....	118,300	118,300	.....	5,915.00
Maryland.....	117,644	117,644	.....	7,501.31
New Jersey.....	116,000	116,000	.....	5,800.00
West Virginia.....	115,000	115,000	.....	7,638.13
Nevada.....	109,808	109,808	.....	7,969.15
Delaware.....	83,000	83,000	.....	4,980.00
New Hampshire.....	80,000	80,000	.....	4,800.00
Oklahoma.....	50,740	50,740	.....	43,000.00
Rhode Island.....	50,000	50,000	.....	2,500.00
Total.....	22,084,729	16,457,339	5,627,390	1,009,613.57

¹ See Table 27, columns 5 and 6, and Table 25, column 3.

PART III.—DETAILED TABLES.

This division of the report contains the detailed tables for the year ended June 30, 1921. The data are almost entirely derived from official reports submitted to the Bureau of Education by the various institutions.

TABLE 7.—*Directory of land-grant colleges, June 30, 1921.*

INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

State and Territory.	Institution and location.	Date of report, 1921.	President.
Alabama.....	Alabama Polytechnic Institute, Auburn..	1872	Spaight Dowell, LL. D.
Arizona.....	University of Arizona, Tucson.....	1891	Rufus B. von Klein Smid, Sc. D. ¹
Arkansas.....	University of Arkansas, Fayetteville.....	1872	John C. Futral, LL. D.
California.....	University of California, Berkeley.....	1869	David P. Barrows, LL. D.
Colorado.....	Colorado Agricultural College, Fort Collins.	1879	Charles A. Lory, D. Sc.
Connecticut.....	Connecticut Agricultural College, Storrs.....	1881	Charles L. Beach, B. S.
Delaware.....	University of Delaware, Newark.....	1884	Walter Hulihan, Ph. D.
Florida.....	University of Florida, Gainesville.....	1884	Albert A. Murphree, LL. D.
Georgia.....	Georgia State College of Agriculture and the Mechanic Arts, Athens.....	1872	Andrew M. Soule, LL. D.
Hawaii.....	University of Hawaii, Honolulu.....	1908	Arthur L. Dean, Ph. D.
Idaho.....	University of Idaho, Moscow.....	1892	Alfred H. Upham, Ph. D.
Illinois.....	University of Illinois, Urbana.....	1868	David Kinley, LL. D.
Indiana.....	Purdue University, Lafayette.....	1874	Winthrop E. Stone, LL. D. ²
Iowa.....	Iowa State College of Agriculture and Mechanic Arts, Ames.....	1869	Raymond A. Pearson, LL. D.
Kansas.....	Kansas State Agricultural College, Manhattan.....	1863	Wm. Marion Jardine, LL. D.
Kentucky.....	University of Kentucky, Lexington.....	1865	Frank L. McVey, LL. D.
Louisiana.....	Louisiana State University and Agricultural and Mechanical College, Baton Rouge.....	1860	Thomas D. Boyd, LL. D.
Maine.....	University of Maine, Orono.....	1868	Robert I. Aley, LL. D. ³
Maryland.....	University of Maryland, College Park.....	1839	Albert F. Woods, D. Agr.
Massachusetts.....	Massachusetts Agricultural College, Amherst.....	1867	Keynon L. Butterfield, LL. D.
Massachusetts.....	Massachusetts Institute of Technology, Cambridge.....	1865	Elhu Thompson, Sc. D., acting.
Michigan.....	Michigan Agricultural College, East Lansing.....	1857	Frank S. Kedzie, D. Sc. ⁴
Minnesota.....	University of Minnesota, Minneapolis.....	1864	Lotus D. Coffman, Ph. D.
Mississippi.....	Mississippi Agricultural and Mechanical College, Agricultural College.....	1889	David C. Hall, M. Sc.
Missouri.....	University of Missouri, Columbia.....	1811	Albert R. Bell, LL. D. ⁵
Montana.....	Montana State College of Agriculture and Mechanic Arts, Bozeman.....	1893	Alfred Atkinson, D. Sc.
Nebraska.....	University of Nebraska, Lincoln.....	1871	Harold Avery, LL. D., chancellor of the university.
Nevada.....	University of Nevada, Reno.....	1874	Walter E. Clark, LL. D.
New Hampshire.....	New Hampshire College of Agriculture and Mechanic Arts, Durham.....	1868	Ralph D. Hotzel, LL. D.
New Jersey.....	Battell College, New Brunswick.....	1864	Wm. H. S. Dearmont, LL. D.
New Mexico.....	New Mexico College of Agriculture and Mechanic Arts, Santa Fe.....	1889	Robert W. Cleburne, Ph. D. ⁶
New York.....	Cornell University, Ithaca.....	1868	Albert W. Smith, M. M. E., acting. ⁷
North Carolina.....	North Carolina State College of Agriculture and Forestry, Raleigh.....	1889	Wallace C. Reddek, LL. D.
North Dakota.....	North Dakota Agricultural College, Agricultural College.....	1891	Edward J. Kosse, M. E., acting. ⁸
Ohio.....	Ohio State University, Columbus.....	1877	Wm. Oxley Thompson, LL. D.
Oklahoma.....	Oklahoma Agricultural and Mechanical College, Muskogee.....	1907	James Wm. Cartmell, LL. D. ⁹
Oregon.....	Oregon Agricultural College, Corvallis.....	1885	Wm. Jasper Kerr, LL. D.

¹ Resigned. Succeeded by Charles H. Mason.

² Resigned. Succeeded by Edmund C. Kilham.

³ Resigned. Succeeded by Samuel C. Little.

⁴ Resigned. Succeeded by David W. Fisher.

⁵ Resigned. Succeeded by John C. Jones.

⁶ Resigned. Succeeded by H. T. Kent.

⁷ Resigned. Succeeded by Livingston Farrand as president.

⁸ Resigned. Succeeded by John D. Coe as president.

⁹ Resigned. Succeeded by James B. Edwards.

TABLE 7.—*Directory of land-grant colleges, June 30, 1921—Continued.*

INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS—Continued.

States and Territories.	Institution and location.	Date of opening.	President.
Pennsylvania.....	Pennsylvania State College, State College.	1859	John M. Thomas, LL. D.
Porto Rico.....	University of Porto Rico, San Juan.....	1903	Paul G. Miller, Ph.D., chancellor.
Rhode Island.....	Rhode Island State College, Kingston.....	1890	Howard Edwards, LL. D.
South Carolina.....	Clemson Agricultural College, Clemson College.	1893	Walter M. Riggs, LL. D.
South Dakota.....	South Dakota State College of Agriculture and Mechanic Arts, Brookings.	1884	Willis E. Johnson, LL. D.
Tennessee.....	University of Tennessee, Knoxville.....	1794	Harcourt A. Morgan, LL. D.
Texas.....	Agricultural and Mechanical College of Texas, College Station.	1876	Wm. Bennett Bizzell, LL. D.
Utah.....	Agricultural College of Utah, Logan.....	1890	Elmer G. Peterson, Ph. D.
Vermont.....	University of Vermont and State Agricultural College, Burlington.	1801	Guy W. Bailey, A. B.
Virginia.....	Virginia Agricultural and Mechanical College and Polytechnic Institute, Blacksburg.	1872	Julian A. Burruss, A. M.
Washington.....	State College of Washington, Pullman.....	1892	Ernest O. Holland, Ph. D.
West Virginia.....	West Virginia University, Morgantown.....	1868	Frank B. Trotter, LL. D.
Wisconsin.....	University of Wisconsin, Madison.....	1850	Edward A. Birge, LL. D.
Wyoming.....	University of Wyoming, Laramie.....	1887	Aven Nelson, Ph. D.

INSTITUTIONS FOR COLORED STUDENTS.

Alabama.....	State Agricultural and Mechanical College for Negroes, Normal.	1875	T. R. Parker, acting.
Arkansas.....	The Agricultural, Mechanical and Normal School, ¹⁰ Pine Bluff.	1875	J. G. Ish, jr., A. B., superintendent.
Delaware.....	State College for Colored Students, Dover.	1892	Wm. C. Jason, D. D.
Florida.....	Florida Agricultural and Mechanical College for Negroes, Tallahassee.	1887	Nathan B. Young, Litt. D.
Georgia.....	Georgia State Industrial College, Savannah.	1891	C. G. Wiley, LL. D.
Kentucky.....	Kentucky Normal and Industrial Institute for Colored Persons, Frankfort.	1887	G. P. Russell, LL. D.
Louisiana.....	Southern University and Agricultural and Mechanical College, Baton Rouge.	1880	J. S. Clark, Ph. D.
Maryland.....	Princess Anne Academy, Princess Anne.	1887	F. H. Kiah, principal.
Mississippi.....	Alcorn Agricultural and Mechanical College, Alcorn.	1871	L. J. Rowan, Ph. D.
Missouri.....	Lincoln University, Jefferson City.....	1866	Clement Richardson.
North Carolina...	Negro Agricultural and Technical College, Greensboro.	1894	James B. Dudley, LL. D.
Oklahoma.....	Colored Agricultural and Normal University, Langston.	1897	J. M. Marquess.
South Carolina...	State Agricultural and Mechanical College, Orangeburg.	1896	Robert S. Wilkinson, Ph. D.
Tennessee.....	Agricultural and Industrial State Normal School for Negroes, Nashville.	1913	W. J. Hale.
Texas.....	Prairie View State Normal and Industrial College, Prairie View.	1879	J. G. Osborne, M. D., principal.
Virginia.....	Hampton Normal and Agricultural Institute, Hampton.	1868	James E. Gregg, B. D., principal.
Virginia.....	Virginia Normal and Industrial Institute, Petersburg.	1883	John M. Gandy, A. M.
West Virginia....	West Virginia Collegiate Institute, Institute.	1892	John W. Davis, A. B.

¹⁰ Formerly Branch Normal College; the name was changed during the year ended June 30, 1921.¹¹ Resigned; succeeded by C. W. Smith.

CHANGES IN ADMISSION REQUIREMENTS.

Changes in admission requirements have been reported from only a few institutions. These have been as follows:

Alabama Polytechnic Institute.—Beginning with the 1921–22 year, 15 units are required for admission and no students will be admitted with conditions.

University of Maryland.—Fifteen units of entrance credits and graduation from an approved secondary school are required for admission on certificate.

Massachusetts Institute of Technology.—Chemistry is made a required subject, beginning in 1922.

University of Nebraska.—College of Dentistry: The same entrance credits are required as for the college of arts and sciences, and in addition there are required 30 hours of academic work, including chemistry, 6 hours, biology, 6 hours, and English, 6 hours. Teachers' College: The same entrance credits are required as for the college of arts and sciences, except that for foreign language additional English, history, or laboratory science may be substituted.

North Carolina State College of Agriculture and Engineering.—The number of entrance credits required is increased from 12 to 14, beginning in September, 1920, and from 14 to 15, beginning in September, 1921.

Virginia Agricultural and Mechanical College and Polytechnic Institute.—Students admitted with fewer than 15 units (two conditioned units are allowed) must make good the conditions in the first year of attendance.

IMPORTANT CHANGES IN INSTRUCTION.

Fourteen institutions reported changes in courses or methods of instruction. These were as follows:

Alabama Polytechnic Institute.—Four-year courses in home economics and home demonstration leading to the B. S. degree were established, to begin with the year 1921–22.

University of Florida.—There was introduced a department of hygiene, supported by State and Federal funds.

Georgia State College of Agriculture and the Mechanic Arts.—The courses for the veterinary degree and those in forestry and poultry husbandry were reorganized and expanded.

University of Hawaii.—Courses were introduced in the Chinese and Japanese languages and literatures, in education, and in political science. Extension work was given in economics, education, dress design and millinery, and in agriculture.

Iowa State College of Agriculture and Mechanic Arts.—A non-collegiate course for roadmakers was given, as were also 12 weeks' courses for poultry keepers, bee keepers, and horticulturists.

University of Kentucky.—A department of hygiene and public health, supported by State and Federal funds, was established.

University of Maine.—A course in the English Bible was given. This is a study of the English Bible as a masterpiece of literature, with the main object of familiarizing the student with the content of the Bible and with the use made of it by the great masters of English literature.

University of Maryland.—The college of arts and sciences was reorganized.

North Carolina State College of Agriculture and Engineering.—Courses in architecture, agricultural engineering, and business administration were added, to begin in September, 1921.

Oregon Agricultural College.—A new course in vocational education leading to the degree of bachelor of science was organized, to be offered for the first time in the year 1921-22. A new course in military science and tactics leading to the degree of bachelor of science was also organized, to be offered in 1921-22.

Agricultural and Mechanical College of Texas.—Courses in agricultural administration and agricultural engineering, leading to the degree of bachelor of science, were established.

Agricultural College of Utah.—A department of education and pedagogy was established by action of the State legislature in 1921.

Virginia Agricultural and Mechanical College and Polytechnic Institute.—A new course in commercial engineering, and instruction in citizenship, industrial relations, and physical education, were added.

CHANGES IN INSTRUCTION IN INSTITUTIONS FOR THE COLORED RACE.

Several important changes have occurred during the year in these institutions. These are as follows:

Kentucky Normal and Industrial Institute for Colored Persons.—The following new courses have been added: Shoe repairing, furniture repairing, and trade sewing.

Southern University and Agricultural and Mechanical College, Louisiana.—Courses in tailoring and shoemaking have been added. A college scientific course has been approved and will be offered. The institution carried on farm demonstration work in 10 parishes in the State. During the summer, extension work in home economics was carried on.

Alcorn Agricultural and Mechanical College, Mississippi.—The college assists in the Rosenwald school building program. The Smith-Hughes work throughout the State for the colored race is directed from the college.

Lincoln University.—The name was changed from Lincoln Institute to Lincoln University. The college course and the normal course were both extended to four years and a premedical course was added.

Tennessee Agricultural and Industrial State Normal School.—The grade work was discontinued after the year 1919-20. A two-year college course was added.

West Virginia Collegiate Institute.—By action of the State boards the secondary work of the institution is to be eliminated gradually, so that by 1927 only work of collegiate grade is to be done. The college work planned is to consist of the following units: Education, arts, agriculture, science, industrial education, home economics, engineering, and business administration.

CHANGES IN GRADUATION REQUIREMENTS.

Only two institutions reported changes in graduation requirements. These are the following:

University of Nevada.—A required course in hygiene (two periods a week) was added for all freshmen. The curriculum of the college of arts and sciences was changed to specify in more detail the first two years of work.

University of Wisconsin.—A new curriculum was arranged for the degree of bachelor of arts, which allows no electives from professional courses, excepting courses in education for teachers. It requires a larger number of purely cultural courses than does the degree of bachelor of arts as formerly granted.

TABLE 8.—*New buildings and additions to buildings.*

INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

Location of institution.	Buildings	Cost
Tucson, Ariz.	New men's dormitory	
Berkeley, Davis, and San Francisco, Calif.	Additions to buildings	\$45,576
Fort Collins, Colo.	New veterinary hospital and anatomy laboratory	67,000
Storrs, Conn.	Women's building	105,000
Newark, Ind.	Temporary dormitories	98,410
Ames, Iowa	Atrium, home economics annex, improvements to dormitories	205,498
Manhattan, Kans.	Wing of engineering hall	
College Park, Md.	Men's dormitory, home economics practice house	125,000
Amherst, Mass.	Student union building	15,000
Cambridge, Mass.	New building for department of naval architecture and marine engineering	
Minneapolis, Minn.	New building	\$86,727
Columbia, Mo.	New home economics building	101,000
Lindsie, Neb.	New buildings and additions	167,280
Reno, Nev.	Education building	100,000
	Miner experiment station building	40,000
New Brunswick, N. J.	Hot-chemical building	
State College, N. Mex.	Addition to engineering building	
Illiana, N. Y.	Addition to girls' dormitory	
Raleigh, N. C.	New building and remodeling	
Stillwater, Okla.	Library building	
Cornwall, Ore.	Women's dormitory	252,000
	Additions to buildings	100,000
State College, Pa.	Medical building	
Cornell College, S. C.	Addition to engineering building	
Knoxville, Tenn.	Library building	
	Academic laboratory building	70,000
College Station, Tex.	College of Medicine, laboratory building	
	Architectural building	
	Mechanical engineering shop	
	Men's building	
Burlington, Vt.	Women's dormitory	
Blackburn, Va.	Apprentice house and cottages	90,000
Pulaski, W. Va.	Women's dormitory	101,000
	Library building	85,516
	Other building	50,772
Madison, Wis.	New building and addition	100,000
Laramie, Wyo.	Home plant	100,000
	Women's dormitory hall	100,000

INSTITUTIONS FOR COLORED PRISONERS.

Tallahassee, Fla.	Closed dormitory for boys, dormitory for girls	\$28,000
Prichard, La.	Men's dormitory	21,488
	Medical building	9,011
Baton Rouge, La.	New men's building, new boys' building, dining hall, new industrial building, bathroom, shower	100,000
	Prison plant, new girls' dormitory, clothing	20,000
Lumberton, O. C.	Boys' dormitory	20,000
	Shower building	21,000

TABLE 9.—Members of the instructional, extension, and experiment station staffs, not including institutions for colored students, in 1920-21.

Institutions. (For full names see Table 7.)	In resident instruction.										In extension service.										Experi- ment station.	Grand total.								
	Agriculture. ¹		Engineering and mechanic arts.		Home economics.		Other divisions. ²		Total.				Agriculture and home economics.				Other extension.						Total.							
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.			Men.	Women.	Men.	Women.				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Alabama.....	34	1	27	0	0	0	42	3	103	4	103	4	14	9	96	42	5	115	48	22	0	259	52
Arizona.....	16	11	6	37	21	64	27	64	27	2	1	10	4	5	1	17	6	30	87	32
Arkansas.....	21	14	6	41	11	76	17	76	17	17	2	45	30	5	1	1	1	92	41	21	0	144	52
California.....	95	3	86	1	0	4	633	174	826	181	11	1	834	182	14	5	57	16	72	11	4	19	143	40	290	101	111	2	1,067	282
Colorado.....	51	11	22	6	21	21	13	3	98	24	47	27	103	30	9	4	23	2	3	32	6	40	4	175	40
Connecticut.....	40	4	4	20	4	44	8	20	44	17	4	12	4	4	1	33	9	12	84	16
Delaware.....	13	1	10	3	21	16	40	13	8	11	44	20	10	15	54	24
Florida.....	20	.....	17	.....	.....	.....	39	.....	64	.....	.....	.....	.....	.....	8	6	32	30	5	1	.....	1	.....	45	37	14	2	121	39
Georgia.....	5	.....	8	.....	.....	6	35	.....	45	6	.....	.....	45	6	6	2	98	83	4	2	22	.....	.....	130	87	.....	.....	175	93
Hawaii.....	3	3	2	17	3	23	5	23	5	1	1	4	3	1	23	5
Idaho.....	24	1	8	.....	.....	7	50	10	82	17	.....	.....	82	17	11	13	28	.....	.....	.....	.....	.....	.....	39	13	27	.....	129	3
Illinois.....	65	1	111	1	14	608	109	785	125	125	.....	.....	785	125	5	6	90	.....	.....	.....	.....	.....	.....	95	6	21	2	901	133
Indiana.....	41	65	1	.....	.....	8	114	13	220	21	.....	.....	220	21	29	8	94	5	7	.....	.....	.....	.....	130	13	51	1	391	35
Iowa.....	84	71	.....	.....	.....	40	131	62	257	84	37	19	289	103	40	8	116	22	5	7	7	.....	.....	168	32	88	2	305	137
Kansas.....	40	1	44	.....	.....	25	90	40	167	66	39	9	174	66	20	6	61	14	3	2	7	1	1	92	21	79	3	325	90
Kentucky.....	21	.....	25	.....	.....	8	65	14	111	24	.....	.....	111	24	27	8	67	20	2	.....	.....	.....	.....	96	28	46	4	253	56
Louisiana.....	12	0	17	0	0	9	39	22	68	31	.....	.....	68	31	22	17	56	30	5	2	.....	.....	.....	83	49	26	3	177	83
Maine.....	29	2	31	.....	.....	.....	67	11	102	16	15	3	102	16	7	3	15	6	2	.....	.....	.....	.....	21	9	13	7	139	32
Maryland.....	34	.....	19	.....	.....	5	126	10	170	15	44	.....	170	15	12	5	26	22	6	.....	.....	.....	.....	44	27	24	3	221	45

¹ Forestry and veterinary science are included except where these are distinct divisions of the institution.² All members of the instructional staff except those in columns 2-7 inclusive.

	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	1222	1223	1224	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TABLE 10.—*Members of the faculties of land-grant colleges for colored students, in 1920-21.*

Institutions. (For full name see Table 7.)	College of agriculture and mechanic arts.						All other departments.		Total for the institution.	
	Preparatory classes or schools.		Collegiate and special classes.		Industrial classes.		Men.	Women.	Men.	Women.
	Men.	Women.	Men.	Women.	Men.	Women.				
1	2	3	4	5	6	7	8	9	10	11
Alabama.....	5	4	2	1	5	5			10	10
Arkansas.....	2				4	3	5		11	10
Delaware.....		3	3	4	2	1			5	4
Florida.....		8	12	3	10	9		2	19	29
Georgia.....			6		9	3			15	3
Iowa.....	7	10	9	12	10	8			17	22
Kentucky.....	6	4	6	1	3	4	5	9	14	17
Louisiana.....	4	4			5	2			9	6
Maryland.....			6		10	1			24	4
Mississippi.....	7	10	2	2	5	5			14	17
Missouri.....	8	3	6	0	9	0			23	3
North Carolina.....	3	9	3	2	5	1			10	13
Oklahoma.....	2	2	8	8	17	3			27	13
South Carolina.....	13	17	10	12	11	11			18	26
Tennessee.....	8	4	14	4	27	10			48	18
Texas.....	2	14	13	3	34		13	21	59	37
Virginia.....	10	4	7	1	7	5		1	18	10
Total.....	93	96	106	56	170	77	23	40	336	220

TABLE 11. Enrollment of students in divisions of agriculture, not including institutions for colored students.

Graduate and undergraduate students.										Subcollegiate students in—										Grand total, excluding duplicates.			
Graduate Institutions. (For full names see Table 7.)		Undergraduate in—				Special or unclassi- fied.		Total, excluding duplicates.		Curricula of 1 or more than 1 year, excluding preparatory.		Curricula of 10 days or more than 1 year.		Summer school. ¹		Extension or correspond- ence courses.		Total, excluding duplicates.					
		Curricula of less than 4 years.																					
		Four-year curricula.																					
Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
Alabama.....	33		328	1			20		381	1	151		523	102	66				740	102		1,121	103
Arizona.....	4		89		6		24	1	123	1													
Arkansas.....			62				19		81														
California.....	41	4	571	33			20	2	633	39	598	3	306	44					904	47		2,157	2,386
Colorado.....			369	12					369	12	214				18				232			601	12
Connecticut.....	1		131				26		158	1	48		79					50		129		287	1
Delaware.....			34						34				185						185			219	
Florida.....			87						87		181		52						233			320	
Georgia.....	21		212						233				447	145					447			680	145
Hawaii.....	3		40	1			3		46	1			57						57			103	1
Idaho.....	3		115		1		96	1	211	2			85						85			408	2
Illinois.....	51	2	862	45			55	4	968	51	42		668						710			1,678	51
Indiana.....	5		517	1			58	2	610				86						86			906	3
Iowa.....	75	7	1,611	48	7		12		1,255	55	390	3	107		400	37			903	40		2,188	95
Kansas.....	10		482	1			55		517	1	30		113	1					263	1		750	2
Kentucky.....	4		158	1			10		152	4	6		97						103			255	4
Louisiana.....	6		136						132										58			200	
Maine.....	5	1	171	2			4		180	3	30								51	12		261	15
Maryland.....	15	1	156	8					171	9	22								54	8		247	17
Massachusetts.....	11	7	408	27	20	3			469	37	271	22	140	22	172	150			510	194		979	251

¹ For complete summer school enrollments see Table 19.² Not including those in extension and correspondence courses—a total of 22,744 men and women.³ Not including those in extension and correspondence courses—a total of 500 men and women.

TABLE 11. Enrollment of students in divisions of agriculture, not including institutions for colored students—Continued.

Undergraduates—										Subcollegiate students in—																			
Osteopathy		Nursing—		Social and pre-natal hygiene		Total, excluding duplicates		Curricula of 1 or more years, more and less than 1 year, preparatory		Curricula of 10 days or more and less than 1 year		Summer school		Extension in corresponding courses		Total, excluding duplicate		Grand total, excluding duplicate											
Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women	Men	Women										
1	44	34	78	26	34	60	40	100	3	10	13	9	22	603	16	310	298	618	14	103	16	131	19	510	399	1,113	1,341	23	16
2	34	34	68	34	34	68	34	102	9	10	19	9	28	517	9	316	298	615	14	103	29	131	19	1,431	399	1,431	1,431	401	401
3	34	34	68	34	34	68	34	102	9	10	19	9	28	680	68	212	187	404	14	103	104	131	19	1,099	399	1,099	1,099	68	68
4	34	34	68	34	34	68	34	102	9	10	19	9	28	139	19	231	126	357	14	103	126	131	19	126	399	1,265	1,265	265	265
5	34	34	68	34	34	68	34	102	9	10	19	9	28	276	19	231	357	588	14	103	268	131	19	268	399	829	829	329	329
6	34	34	68	34	34	68	34	102	9	10	19	9	28	40	19	59	46	105	14	103	46	131	19	179	399	48	48	1	1
7	34	34	68	34	34	68	34	102	9	10	19	9	28	133	19	111	46	157	14	103	111	131	19	111	399	266	266	9	9
8	34	34	68	34	34	68	34	102	9	10	19	9	28	125	19	111	46	157	14	103	111	131	19	111	399	266	266	9	9
9	34	34	68	34	34	68	34	102	9	10	19	9	28	27	19	297	19	415	14	103	297	131	19	297	399	1,183	1,183	842	842
10	34	34	68	34	34	68	34	102	9	10	19	9	28	311	105	355	39	434	14	103	355	131	19	355	399	1,183	1,183	842	842
11	34	34	68	34	34	68	34	102	9	10	19	9	28	218	105	355	39	434	14	103	204	131	19	204	399	1,183	1,183	842	842
12	34	34	68	34	34	68	34	102	9	10	19	9	28	79	7	110	44	154	14	103	303	131	19	303	399	1,183	1,183	842	842
13	34	34	68	34	34	68	34	102	9	10	19	9	28	936	7	220	3	223	14	103	202	131	19	202	399	1,183	1,183	842	842
14	34	34	68	34	34	68	34	102	9	10	19	9	28	169	4	195	7	202	14	103	246	131	19	246	399	1,183	1,183	842	842
15	34	34	68	34	34	68	34	102	9	10	19	9	28	646	8	246	1	247	14	103	246	131	19	246	399	1,183	1,183	842	842
16	34	34	68	34	34	68	34	102	9	10	19	9	28	915	20	103	1	104	14	103	2,003	131	19	2,003	399	1,183	1,183	842	842
17	34	34	68	34	34	68	34	102	9	10	19	9	28	52	1	6	93	103	14	103	6	131	19	6	399	1,183	1,183	842	842
18	34	34	68	34	34	68	34	102	9	10	19	9	28	293	1	293	93	386	14	103	293	131	19	293	399	1,183	1,183	842	842

South Dakota.....	7	66	2	73	244
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⁴ Including veterinary.

⁵ Including forestry.

⁶ Not including 18,675 men and women in all divisions in extension and correspondence courses.

TABLE 1.—Enrollment of students in all other divisions than those of Tables 11 and 12, not including institutions for colored students.

Institution (see Table 1)	Undergraduate students						Subcollegiate students in—						Total, excluding duplicate				Grand total, excluding duplicate			
	Freshman			Sophomore			Junior			Senior			Total		Men	Women				
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women			Men	Women		
Alabama	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Alaska	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Arizona	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Arkansas	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
California	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Colorado	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Connecticut	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Delaware	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
District of Columbia	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Florida	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Georgia	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Hawaii	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Idaho	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Illinois	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Indiana	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Iowa	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Kansas	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Kentucky	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Louisiana	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Maine	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Maryland	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Massachusetts	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Michigan	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Minnesota	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Mississippi	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Missouri	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Montana	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Nebraska	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Nevada	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
New Hampshire	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
New Jersey	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
New Mexico	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
New York	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
North Carolina	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
North Dakota	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Ohio	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Oklahoma	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Oregon	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Pennsylvania	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Rhode Island	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
South Carolina	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
South Dakota	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Tennessee	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Texas	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Utah	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Vermont	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Virginia	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Washington	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
West Virginia	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Wisconsin	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Wyoming	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2
Total	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	1	1	2	2	2

[illegible]

¹ For complete summer school enrollments, see Table 19.

NOT IN EXISTENCE

² Including 965 in professional courses.

⁴ Not including 22,744 in extension and correspondence courses.

NOT IN EXISTENCE

Missouri.....	151	70	3,468	2,042	.....	.....	3,619	2,112	353	.....	213	13	.....	35	56	35	49	601	62	4,220	2,174
Montana.....	17	4	389	197	.....	.....	406	201	170	.....	21	.....	.....	25	56	.....	.....	195	77	601	278
Nebraska.....	164	155	3,192	2,526	41	36	323	2,416	441	379	355	6	.....	26	127	91	230	866	612	4,993	3,028
Nevada.....	4	9	275	168	.....	.....	74	29	255	.....	22	25	.....	9	103	.....	.....	31	128	384	209
New Hampshire.....	4	3	604	201	.....	.....	28	5	636	209	46	.....	.....	.....	.....	.....	.....	45	.....	682	209
New Jersey.....	23	1	678	179	3	.....	2	.....	712	180	.....	141	8	119	440	35	551	285	1,092	981	1,177
New Mexico.....	2	3	102	27	.....	.....	.....	.....	104	30	131	28	.....	.....	.....	.....	.....	131	28	233	55
New York.....	391	69	5,095	1,075	.....	.....	221	63	4,223	1,108	.....	297	98	820	1,303	.....	.....	1,072	1,340	5,169	2,351
North Carolina.....	39	.....	727	.....	.....	.....	7	.....	773	.....	296	55	.....	73	442	.....	.....	423	442	1,196	442
North Dakota.....	2	.....	221	118	23	5	5	6	251	124	257	197	5	42	139	.....	.....	496	188	1,747	312
Ohio.....	183	86	5,467	2,184	77	10	.....	.....	5,727	2,280	220	83	3	.....	.....	.....	.....	303	3	6,030	2,283
Oklahoma.....	10	11	574	289	.....	.....	97	68	681	368	264	39	7	122	239	.....	.....	393	278	1,074	646
Oregon.....	11	2	1,915	846	.....	.....	251	208	2,177	1,053	373	48	513	179	310	.....	.....	1,065	872	3,212	1,028
Pennsylvania.....	105	8	2,980	1,637	219	4	69	10	3,372	1,613	.....	103	1	.....	.....	.....	.....	9,203	1,259	12,575	2,022
Porto Rico.....	.....	.....	182	26	31	123	7	2	220	151	.....	.....	.....	237	803	.....	.....	237	803	457	954
Rhode Island.....	3	1	270	65	.....	.....	8	3	281	69	6	.....	.....	.....	.....	.....	.....	6	.....	287	69
South Carolina.....	.....	.....	709	.....	5	.....	.....	.....	714	.....	133	.....	.....	287	5	.....	.....	320	5	993	5
South Dakota.....	10	.....	224	124	36	11	14	61	284	195	326	47	14	2	56	103	9	3	405	689	351
Tennessee.....	8	.....	738	233	45	4	104	64	895	301	.....	.....	83	66	.....	628	6	711	72	1,006	373
Texas.....	23	.....	1,350	.....	.....	.....	263	.....	1,635	.....	190	.....	142	.....	328	45	.....	656	45	2,292	45
Utah.....	16	7	366	179	.....	.....	63	39	450	220	429	75	.....	159	188	358	284	946	707	1,276	718
Vermont.....	17	31	610	294	7	15	4	3	638	313	.....	.....	50	2	374	.....	.....	52	376	630	719
Virginia.....	14	.....	688	.....	181	.....	.....	.....	853	.....	.....	.....	53	.....	115	55	.....	168	55	1,021	55
Washington.....	103	48	1,139	733	.....	.....	.....	.....	1,245	841	.....	266	10	.....	.....	.....	.....	266	10	1,511	851
West Virginia.....	23	18	1,062	520	.....	.....	85	17	1,169	556	.....	67	.....	195	456	508	143	718	787	2,172	961
Wisconsin.....	646	646	4,733	3,225	165	48	128	58	5,092	3,977	102	.....	448	6	75	183	.....	626	189	6,318	4,163
Wyoming.....	1	2	194	146	.....	.....	61	69	266	217	.....	9	54	46	263	154	410	209	727	475	944
Total.....	3,973	2,117	76,712	32,971	2,332	1,617	3,514	2,180	84,597	37,784	8,717	1,302	7,174	1,410	5,717	11,737	15,158	6,103	36,295	20,737	119,794	57,817

1 For complete summer school enrollments, see Table 19.

2 Including 965 in professional courses.

3 Including 129 in professional courses.

4 Not including those in extension and correspondence courses—a total of 22,744 men and women.

5 Not including 4,544 men and women in extension and correspondence courses.

6 Not including those in extension and correspondence courses—13,353 men and 5,322 women.

TABLE 16.—Four-year students in engineering, classified according to the line of specialization, not including institutions for colored students.

Institutions. (Other than land-grant colleges.)	Civil.		Electrical.		Mechanical.		Mining.		Textile.		Chemical.		Sanitary.		General.		Architectural.		Unclassified and miscellaneous.		Total.	
	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.	Total.	Graduates.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Alabama	87	7	256	29	118	16	50	15													535	68
Arizona	30	3	44	1	37		88	6											3	1	190	10
Arkansas	19	3	15		6	2					4	2							108		132	20
California	242	18			713	43	267	14			260	11			107	1					1,521	86
Colorado	17	4	8	3	12	2													6		151	11
Connecticut					34																34	
Delaware	11	1	47	6	76	4					37	7			9						155	27
Florida	23	2	26	3	11	0					8	1			93						160	9
Georgia																					46	8
Idaho	19	1																	15		34	1
Illinois	22	1	35	2	16	2	26	4			11										110	9
Indiana	308	23	433	45	490	39	39	5			252	11		1			139	17	89	8	1,739	151
Iowa	314	19	495	53	631	71					267	39									1,787	221
Kansas	274	20	439	29	227	26	22	3			96	14					96	7	14	2	1,068	111
Kentucky	133	7	236	22			114	6											32	3	560	38
Louisiana	7					20		6											323		323	37
Maine	2		45	6	12	0					37	9			141				99	4	354	21
Maryland	96	19	162	20	120	18					75	12			5				55	9	518	78
Massachusetts	41	3	43	7	27	5															106	15
Michigan	374	72	545	52	638	121	149	19			477	96		2	34	13	125	17	748	138	3,094	513
Minnesota	71	32	49	16	68	23					25	5							334		549	66
Mississippi	26	3	20	5	176	14	167	16			140	36			25	16			244		1,273	139
Missouri	23	3	35	17	7	2											3				1,255	122
Montana	23	3	262	23	36	7	260	41			87	15							78	12	1,010	114
Nebraska	36	7	85	7	47						41	3					13	3			215	21

Nebraska.....	156	10	218	12	88	4	52	7	18	1	26	42	1	548	28					
Nevada.....	18	2			102	6								172	15					
New Hampshire.....			82	12	81	7			66	7				259	26					
New Jersey.....	50	9	33	9	42	12			83	19		83		291	49					
New Mexico.....	3		10	3	5	4						31		49	7					
New York.....	377	61			1,309	159								1,668	210					
North Carolina.....	102	15	155	14	110	8								367	37					
North Dakota.....	27	2			20	4			4	0				56	6					
Ohio.....	217	31	339	35	355	43	51	1	195	21	83	11	62	1,416	161					
Oklahoma.....											196	15		196	15					
Oregon.....	153	12	227	11	212	15	74	15	64	6				755	48					
Pennsylvania.....	183	21	450	73	259	50	138	25	151	23	9	1	43	1,434	234					
Porto Rico.....	11		4		7	1			24					46	1					
Rhode Island.....	19	5	40	7	30	4			15	2				182	18					
South Carolina.....	52	10	21	21	20	18			58	7	0			395	58					
South Dakota.....	48	5	41	4	5									94	9					
Tennessee.....	45	4	59	5	45	6			16					165	13					
Texas.....	212	21	277	20	155	13			34	2	110	12		835	68					
Vermont.....	38	7	80	8	39	7							1	178	21					
Virginia.....	73	16	181	14	129	14	21		45	11		29	2	478	57					
Washington.....	32	5	122	7	73	6	30	2	18					319	22					
West Virginia.....	69	7	110	7	70	5	63	5	35	2				341	28					
Wisconsin.....	250	24	361	32	311	23	88	13	173	20			3	1,186	112					
Wyoming.....	8	1			20	1	7					19		54	2					
Total.....	4,880	622	6,292	678	6,988	826	1,788	203	92	13	2,860	383	36	58	588	57	3,248	233	27,451	3,031

¹ Including a number of special students.

[illegible]

^a Including a number of special students.

4 Pre-medical.

¹ Baccalaureate degree or degree in medicine.

² Not including 1,094 in professional courses.

TABLE 19.—Students in preparatory departments, summer schools, and military instruction—Libraries—Acres of land.

INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

Institutions. (For full names see Table 7.)	Students enrolled in—				Library.			Acres of land in farm and grounds.	
	Preparatory department.		Summer school in 1920.		Military instruction.	Bound volumes.	Pamphlets.	Total.	Under cultivation.
	Men.	Women.	Men.	Women.					
1	2	3	4	5	6	7	8	9	10
Alabama.....	0	0	312	192	648	31,000	5,000	330	160
Arizona.....	0	0	51	128	140	34,296	6,200	528	404
Arkansas.....	0	0	193	315	244	33,000	12,500	543	350
California.....	0	0	1,334	3,894	1,610	505,000	186,000	1,175	897
Colorado.....			71	138		47,823	30,000	1,818	480
Connecticut.....	0	0			135	16,640	2,000	1,696	300
Delaware.....	0	0	9	158	222	27,700	6,700	277	200
Florida.....	0	0	236	507	347	37,000	32,500	604	250
Georgia.....	0	0	266	800	456	56,000	58,000	987	250
Hawaii.....	0	0			91	28,416	61,226	186	98
Idaho.....	0	0	78	63	290	48,000	8,500	340	300
Illinois.....	0	0	891	490	2,476	456,503	52,461	1,958	1,708
Indiana.....	0	0	19	21	1,427	54,000	3,000	692	600
Iowa.....	0	0	695	393	1,311	85,246	40,000	1,356	
Kansas.....	0	0	259	345	811	70,500	10,000	1,136	763
Kentucky.....	0	0	171	145	470	42,921		265	200
Louisiana.....	0	0	253	332	411	51,117	3,000	1,492	
Maine.....	0	0	78	51	532	70,000	21,000	473	175
Maryland.....	0	0	46	162	238	30,000	7,000	286	
Massachusetts:									
Amherst.....	0	0	172	150	225	64,765		643	400
Cambridge.....	0	0	1,233	(1)	1,131	145,654	53,100	50	0
Michigan.....	105		207	67	383	41,822	10,140	1,340	1,000
Minnesota.....	0	0	1,178	847	1,971	367,250	50,000	4,917	1,783
Mississippi.....	0	0	198	484	718	42,328	22,526	2,271	600
Missouri.....	0	0			1,567	233,163	122,500	893	700
Montana.....	0	0	84	56	180	23,125		997	760
Nebraska.....	0	0	325	771	978	154,000	9,000	369	250
Nevada.....	0	0	9	103	170	35,800	14,800	338	263
New Hampshire.....	0	0			240	42,587		505	145
New Jersey.....	92	0	119	440	386	113,000	15,000	424	225
New Mexico.....	81	25			172	19,000	45,360	800	150
New York.....	0	0	820	1,303	1,829	2 655,086		1,660	600
North Carolina.....	0	0	73	412	646	10,429		490	400
North Dakota.....	106	75	132	170	238	32,640	3,694	943	100
Ohio.....	0	0	890	519	2,216	221,956		800	500
Oklahoma.....	85	72	122	239	364	35,816	16,177	1,000	400
Oregon.....	0	0	179	310	1,127	57,071	184,061	333	259
Pennsylvania.....	0	0	305	1,035	1,184	78,000	25,000	718	548
Puerto Rico.....	317	351	237	803	404	8,200	5,000	280	150
Rhode Island.....	0	0			186	23,000	5,000	169	3 140
South Carolina.....	0	0	229	5	726	28,429		42,360	
South Dakota.....	56	12	56	103	367	25,000	6,500	800	450
Tennessee.....	0	0			363	51,765	93,828	1,682	1,252
Texas.....	0	0	1,310		973	19,475	29,500	2,692	850
Utah.....	0	0	159	188	225	31,564	47,117	187	
Vermont.....	0	0	35	407	260	107,236	39,000	960	150
Virginia.....	0	0	310		640	35,000	90,000	659	409
Washington.....	208	78	171	213	435	80,125	251,635	1,063	913
West Virginia.....	0	0	200	439	586	76,000	16,000	1,676	600
Wisconsin.....	0	0	1,614	1,972	1,463	335,500	73,000	928	500
Wyoming.....	84	71	52	300	115	48,000		1,172	180
Total.....	1,134	684	15,384	19,500	34,657	4,990,948	1,773,025	49,751	21,812

¹ Included in preceding column.² Includes 80 acres of leased land.³ Includes bound volumes and bound pamphlets.⁴ Includes branch experiment stations.

TABLE 19.—*Students in preparatory departments, "summer schools, and military" instruction—Libraries—Acres of land—(continued).*

INSTITUTIONS FOR COLORED STUDENTS.

Institutions. (For full names see Table 7.)	Students enrolled in—					Library.		Acres of land in farm and grounds.	
	Preparatory department.		Summer school in 1920.		Military instruction.	Bound volumes.	Periodicals.	Total.	Under cultivation.
	Men.	Women.	Men.	Women.					
1	2	3	4	5	6	7	8	9	10
Alabama.....	141	167				10,000	3,000	182	90
Arkansas.....						150	205	20	
Delaware.....	20	17	5	53	54	100	800	210	200
Florida.....	125	269	20	217	95	4,500	3,000	200	150
Georgia.....	183	65			223	700	600	85	51
Kentucky.....	68	150	15	100	100	2,000	500	200	158
Louisiana.....	150	180	23	96		1,513	600	500	240
Maryland.....						280	1,600	117	85
Mississippi.....	149	88				1,000		1,000	300
Missouri.....	186	215	21	77		4,000	1,000	85	35
North Carolina.....	366		30	305	310	3,000	61,000	100	87
Oklahoma.....	178	239	87	192		250	125	310	257
South Carolina.....	272	315	15	230		2,500	3,000	140	90
Tennessee.....	345	303	50	502	0	1,750	775	170	100
Texas.....	226	350	220	394		1,222		1,435	300
Virginia.....	139	77	98	442	627	14,612	19,800	1,906	620
West Virginia.....	110	124	20	314	0	4,000	10,000	82	45
Total.....	2,658	2,499	622	3,317	1,409	81,878	106,005	5,293	2,806
Grand total.....	3,792	3,183	10,006	22,817	36,066	5,072,826	1,879,030	55,717	24,618

TABLE 20.—Number of undergraduate and of advanced degrees conferred, not including institutions for colored students.¹

Institutions. (For full names see Table 7.)	Undergraduate degrees.										Advanced degrees.				
	Agriculture.		Engineering.		Home economics.		All other divisions.		Total.		Agriculture.	Engineering.	Home economics.	All other divisions.	Total.
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Alabama.....	57	0	68				9	3	134	3		12			12
Arizona.....	5		10			5	37	21	52	26				3	5
Arkansas.....	8		20			3	21	22	49	25		1		2	3
California.....	92	6	85	1		51	469	650	646	708	13	3	1	240	257
Colorado.....	53	5	11			18			64	23	1				1
Connecticut.....	25					9	5	1	30	10				2	2
Delaware.....	10		27			2	17	14	54	16		3			3
Florida.....	8		9				29		46			2		1	3
Georgia.....	29		8			9	35		79						
Hawaii.....	6		1			1	5		12	1	1		1	2	4
Idaho.....	18		9			4	31	25	58	29	1	1			2
Illinois.....	144	7	151			60	531	202	836	269	10	16	2	130	158
Indiana.....	97		220	1		32	8	49	325	51	1	15		6	22
Iowa.....	143	9	110	1		72	14	10	267	86	24	9	1	14	48
Kansas.....	93		38			77	20	20	151	97	2	6		4	12
Kentucky.....	13		37			12	48	28	98	40	2	2	1	6	11
Louisiana.....	20		21			2	29	42	70	44		6		2	8
Maine.....	19	1	78			7	45	36	142	44	2	9		7	18
Maryland.....	8	1	15			1	163		186	2	8				8
Massachusetts: Amherst.....	92	3							92	3	4				4
Cambridge.....			513				17		530		74		34		108
Michigan.....	98		66			46			164	46	7	2			9
Minnesota.....	67		112	17		57	427	276	606	350	16	8	3	69	96
Mississippi.....	78		22				11		111		1				1
Missouri.....	60	3	114				150	199	325	202	7		1	35	43
Montana.....	16		21			12	4	6	41	18		3			3
Nebraska.....	41		28			15	280	172	349	187		1		41	42
Nevada.....	6		15			1	7	17	28	18		1			1
New Hampshire.....	27		26			13	34	24	87	37	1			1	2
New Jersey.....	20		49				55		124		7	12		2	21
New Mexico.....	7		7						14		2				2
New York.....	192		207	3		61	380	59	845	123	17	11		100	128
North Carolina.....	35		37				26		98		4	10			14
North Dakota.....	12		6			13	13	9	31	22	2			1	3
Ohio.....	154	1	161			53	356	245	671	299				100	100
Oklahoma.....	16		15			26	22	8	53	34				3	
Oregon.....	98	2	48				35	25	196	107	6	1			7
Pennsylvania.....	149	3	233	1		21	95	24	477	52	9	8		12	29
Porto Rico.....	7		1				18	3	26	3					
Rhode Island.....	9		18			6	3	1	30	7		1		2	3
South Carolina.....	51		58				13		124						
South Dakota.....	13		9			8	7	6	29	14				1	1
Tennessee.....	20	1	13			6	67	34	100	41				2	2
Texas.....	73		68						141		3	1		1	5
Utah.....	23					19	11	10	43	29			1		1
Vermont.....	11		21			8	61	31	93	39	2				2
Virginia.....	13		57			5			75		3	4		1	8
Washington.....	56	1	22			26	68	51	146	78	1			5	6
West Virginia.....	25		28			9	106	71	138	78		1		7	8
Wisconsin.....	98	1	112			46	316	323	526	370	38	8	2	129	177
Wyoming.....	2		2			2	6	7	10	9					
Total.....	2,417	44	3,007	24		816	4,109	2,724	9,622	3,640	195	233	13	965	1,406

¹ Four honorary degrees were conferred, as follows: One M. of Ag. by Purdue University, Indiana; and one LL. D. by each of the following: Iowa State College of Agriculture and the Mechanic Arts, West Virginia University, and the University of Wyoming.

Missouri.....	46,495.60	777,752.42	51,078.58	81,077.47	31,597.20	322,288.77	2,000.00	30,503.47	183,003.68	1,564,426.76	20,352.96
Montana.....		122,000.00	70,000.00	76,624.39		44,556.78			2,642.92	333,614.66	3,308.83
Nebraska.....		138,839.50	103,955.00	113,280.33		346,962.00			85,301.00	2,268,620.78	12,869.78
Nevada.....		2,136,117.71		61,013.82	6,000.00	71,581.46		6,700.00	3,747.16	327,323.12	1,227.27
New Hampshire.....		196,065.00	2,500.00	51,800.00	37,372.68	48,372.35			80,402.37	419,512.40	2,223.21
New Jersey.....		171,567.52	77,749.15	55,800.00	74,363.66	162,981.17		11,25,681.72	8,133.47	576,279.69	
New Mexico.....		42,400.00		50,000.00	34,000.00	34,000.00			107,009.00	197,918.00	1,875.36
New York.....		1,333,443.81	19,944.42	81,428.89	18,189.57	1,575,773.54		1,187,044.69	68,500.91	135,684,626.73	27,282.84
North Carolina.....		226,665.66	200,000.00	41,000.00		213,450.27			64,033.41	831,700.77	6,070.01
North Dakota.....		11,201,379.29		106,745.93		64,826.59				372,951.81	6,720.94
Ohio.....		1,705,388.82	39,206.79	94,967.92	17,535.52	378,009.12		9,465.00		2,705,635.75	24,962.95
Oklahoma.....		1,420,890.00	115,000.00	88,000.00		45,554.57		102,046.44		801,401.01	5,193.81
Oregon.....		21,241,182.66	(16)	61,272.59		187,020.36		52,018.83		1,544,494.44	10,000.00
Pennsylvania.....		790,044.56	66,247.31	80,881.51		161,811.96		5,000.00	389,550.49	1,493,535.83	38,929.25
Porto Rico.....		171,519.11		50,706.12	4,430.42	7,071.59		4,100.19		240,827.43	
Rhode Island.....		97,500.00	32,024.00	52,500.00		105,177.56		23,475.24		310,676.80	3,690.33
South Carolina.....		167,365.16		30,734.00		13,183.40		3,312.36		232,461.00	8,317.32
South Dakota.....		312,910.00	189,865.00	115,265.72		31,766.43		44,642.48		694,389.63	3,269.69
Tennessee.....		214,872.40		61,960.00	2,000.00	163,022.32		6,683.15	54,099.79	5,586.45	13,615.43
Texas.....		701,795.00	466,230.00	48,212.74		483,517.93		1,390.00	415,546.05	2,178,711.72	10,007.47
Utah.....		2139,175.47	52,528.57	76,813.89		20,226.83		18,401.15	38,630.98	336,809.89	
Vermont.....		75,800.00		58,130.00	45,831.00	167,783.05		13,751.34	108,440.23	497,737.62	8,000.00
Virginia.....		197,265.00	81,220.00	53,992.06		215,506.30		36,894.71	647,818.07	6,578.22	
Washington.....		1,378,268.82	174,178.87	119,143.32		43,921.79		104,819.99	870,362.79	3,690.75	
West Virginia.....		549,000.00	152,500.00	47,682.00		140,881.32		26,705.76	405.60	908,174.68	10,662.44
Wisconsin.....		191,673,707.56	327,374.05	70,394.79		1,144,246.38		688,532.76	18,208.77	3,960,025.34	8,470.87
Wyoming.....		125,672.03	21,119,622.80	130,759.17		80,791.04		37,561.03	4,186.42	491,583.76	4,696.21
Total.....		151,008.19	28,318,837.56	4,903,866.69		1,975,618.01		372,869.27	3,520,065.13	4,270,612.40	417,265.72

¹ For the separate funds see Table 25, columns 4 and 9, and Table 26, column 4.

² All from mill-tax levy.

³ Mill-tax levy: includes \$11,200 for live stock biological laboratory.

⁴ \$18,911.19 from mill-tax levy.

⁵ \$365,986.59 from mill-tax levy.

⁶ Report for year ending Nov. 30, 1920.

⁷ \$101,524.06 from mill-tax levy.

⁸ Includes the following amounts from United States funds not included in preceding columns: (1) From the

Inter-Departmental Social Hygiene Board \$5,722.06, (2)

from Smith-Hughes Federal fund \$15,980.10, (3) from Fed-

eral Board for Vocational Education for disabled soldiers

\$3,927.41

⁹ \$856,397 from mill-tax levy.

¹⁰ \$818,955 from mill-tax levy.

¹¹ Represents total of all gifts.

¹² \$2,500 of this is for the administration of certain laws.

¹³ Includes \$25,535.43 Smith-Hughes not included in pre-

ceding columns.

¹⁴ \$79.29 from mill-tax levy.

¹⁵ \$30,800 for scholarships.

¹⁶ Included in column 3.

¹⁷ \$60,319.11 from court fines, public land sales, etc., in-

cluded.

¹⁸ Includes mill-tax levy for permanent improvements.

¹⁹ Includes \$1,441,014.35 from mill-tax levy and \$16,695.15

interest.

²⁰ Includes \$121,202 from mill-tax levy and \$1,470.03 from

car line company taxes.

²¹ \$19,622.56 from mill-tax levy.

TABLE 22.—Income for the experiment station, for the extension service, and grand total income, year ended June 30, 1921.
INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

Institutions. (For full names see Table 7.)	Funds for the experiment station.				Funds for the extension service.							Grand total income of the institution.
	State funds.	United States funds.	Private gifts.	Experiment station earnings.	Total experi- ment station income.	State funds, Smith-Lever, and others.	United States funds.	County, municipality, or associa- tion funds.	Private gifts and miscella- neous.	Total of extension service income.		
1	2	3	4	5	6	7	8	9	10	11	12	
Alabama.....	\$34,500.00	\$30,000.00		\$5,837.41	\$70,337.41	\$127,500.27	\$154,771.62	\$63,024.03	\$345,295.92	\$690,591.84	\$1,062,139.66	
Arizona.....	46,281.97	30,000.00		15,776.28	91,058.25	27,949.30	23,151.95			62,932.37	876,577.07	
Arkansas.....	86,680.30	30,000.00		18,380.44	135,060.74	79,222.72	137,867.77			1,217,000.49	736,953.98	
California.....	2,993,883.92	30,000.00	\$7,079.96	34,069.84	3,171,033.72	189,619.12	94,620.49		292.50	4,284,582.11	6,837,142.44	
Colorado.....	61,438.89	30,000.00		25,147.43	117,086.32	35,292.89	46,743.42	11,729.53		93,765.84	758,489.01	
Connecticut.....	27,821.74	15,000.00		18,881.60	61,703.34	67,150.00	20,711.84		540.00	688,401.81	922,321.49	
Delaware.....	10,000.00	30,000.00		14,799.35	54,799.35	6,010.76	19,809.51		3,798.75	29,619.02	455,791.01	
Florida.....	5,000.00	30,000.00	7,374.91	6,112.67	48,487.61	38,515.80	59,733.26	80,766.08		179,015.23	496,753.18	
Georgia.....						172,562.92	202,996.59	62,933.67	61,884.25	500,377.43	691,644.18	
Hawaii.....	25,000.00				25,000.00						194,726.51	
Idaho.....	6,21,257.38	30,000.00		2,389.49	53,646.87	161,656.11	33,834.44			195,490.55	821,647.68	
Illinois.....	105,504.00	30,000.00		9,617.48	732,117.48	81,000.15	211,496.84	119,896.69		412,993.68	4,472,670.13	
Indiana.....	102,531.00	30,000.00		920,016.80	352,266.86	183,050.43	155,137.82	54,719.52	13,486.39	406,424.16	1,898,777.67	
Iowa.....	215,300.00	30,000.00		37,080.80	282,580.86	100,000.00	153,989.02		4,898.34	9,258,887.36	10,277,936.75	
Kansas.....	11,825,000.00	30,000.00		60,206.85	12,172,206.85	109,203.20	121,591.85		11,389.21	13,242,181.26	1,735,675.49	
Kentucky.....	50,000.00	30,000.00		150,073.75	230,073.75	108,955.57	174,676.01	59,756.45		340,388.03	1,207,298.17	
Louisiana.....	49,999.96	30,000.00		10,801.91	90,801.87	72,800.91	118,116.19	35,255.28	1,859.25	228,041.63	826,654.02	
Maine.....	15,000.00	30,000.00		20,702.69	147,702.69	33,615.48	48,643.48			1,77,986.06	1,111,253.03	
Maryland.....	54,628.62	30,000.00		18,432.99	102,461.61	104,636.59	63,391.61	28,642.50		202,729.70	1,077,677.19	
1 Does not include funds for the extension service not handled through the college office, but reported to the Department of Agriculture. Discrepancies were noted in other returns, as stated in notes following.												
2 \$3,514.24 for permanent improvements.												
3 Report to the Department of Agriculture, \$281,327.11.												
4 Report to the Department of Agriculture, \$284,674.30.												
5 No Farm Bureau funds are included.												
6 \$2,336.55 for permanent improvements.												
7 Does not include a balance of \$15,633.54, nor \$5,055.67 transferred from college funds.												
8 Year ended June 30; report to the Department of Agriculture for the year ended Sept. 30.												
9 Does not include a balance of \$9,979.24 from year before, nor \$125,922.94 expended by the different counties for county agents but not passing through the office of the college treasurer.												
10 Includes State funds for the engineering experiment station, 6091 roads experiments, and veterinary invest												
11 Not including \$285,145.06 of county and Farm Bureau funds not handled by the college office from its balances. It does not include expenditures of \$25,738.82 from university funds.												
12 Not including \$25,398.49, not included in preceding columns.												
13 \$70,390 for permanent improvements.												
14 Not including a balance of \$22,000.22 carried forward												

¹ Not including funds for the extension service not handled through the college office, but reported to the Department of Agriculture. Discrepancies were noted in other returns as stated in notes following.

² \$85,514.24 for permanent improvements.

³ Report to the Department of Agriculture, \$284,327.11.

⁴ Report to the Department of Agriculture, \$284,674.30.

⁵ No Farm Bureau funds are included.

⁶ \$2,396.55 for permanent improvements.

⁷ Does not include a balance of \$15,633.54, nor \$3,055.67 transferred from college funds.

⁸ Year ended June 30; report to the Department of Agriculture is for the year ended Sept. 30.

⁹ Does not include a balance of \$8,979.24 from year before, nor \$125,922.04 expended by the different counties for county agents but not passing through the office of the college treasurer.

¹⁰ Includes State funds for the engineering experiment station, \$99.10 roads experiments, and veterinary invest-

gations—\$12,921.80 and State funds for engineering extension—\$12,398.49, not included in preceding columns.

¹¹ \$79,500 for permanent improvements.

¹² Not including a balance of \$22,000.25 carried forward.

¹³ Not including \$25,145.06 of county and Farm Bureau funds not handled by the college office nor any Bureau funds not included in expenditures of \$25,738.82 from university funds.

¹⁴ Does not include \$1,417.47 from college funds, nor \$735.87 expended by a county.

INSTITUTIONS FOR COLORED STUDENTS.

Washington.....	\$7,760.47	30,000.00	.....	42,864.80	160,625.37	63,130.16	60,005.50	120,041.92	6,825.00	250,002.58	1,280,900.74
West Virginia.....	\$8,104,787.07	30,000.00	.....	30,119.46	164,966.53	117,753.71	102,549.90	744.52	.....	221,018.13	1,294,129.34
Wisconsin.....	210,000.00	30,000.00	.....	.....	240,000.00	347,158.28	133,931.55	1,000.00	.....	482,089.83	4,682,115.17
Wyoming.....	23,307.26	30,000.00	.....	8,750.84	62,658.10	126,998.60	19,577.20	27,413.18	1,000.39	174,989.32	728,631.18
Total.....	3,289,353.93	1,362,000.00	27,214.92	1,492,107.15	6,411,883.03	5,169,933.28	4,954,962.49	2,197,450.15	455,836.13	12,808,202.05	83,325,288.28
Alabama.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	\$90,234.28
Arkansas.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	40,763.78
Delaware.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	42,127.99
Florida.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	79,811.24
Georgia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	24,663.66
Kentucky.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	113,299.12
Louisiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	93,155.48
Maryland.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	48,888.00
Mississippi.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109,923.14
Missouri.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	74,781.72
North Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	109,817.00
Oklahoma.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	125,876.34
South Carolina.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	114,792.20
Tennessee.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	90,890.88
Texas.....	.....	.....	.....	.....	.....	25,237.44	\$1,950.00	.....	.....	30,787.44	418,366.50
Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	815,646.95
West Virginia.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	266,917.74
Total.....	.....	.....	.....	.....	.....	39,457.44	1,950.00	7,207.13	.....	48,614.57	2,659,461.22
Grand total.....	\$3,289,353.93	\$1,362,000.00	\$27,214.92	\$1,492,107.15	\$6,411,883.03	5,195,170.72	4,956,912.49	2,204,657.28	\$485,856.13	12,842,396.62	\$83,970,729.30

¹⁰ Includes funds not reported to the Department of Agriculture.

¹¹ Includes no balance from previous years.

¹² Contains no hog cholera serum department, dairy husbandry, or poultry husbandry receipts.

¹³ \$18,500 for permanent improvements.

¹⁴ The report on expenditures to the Department of Agriculture gives a total of \$120,841.15, which includes a balance of \$5,187.79 on June 30, 1921, but no balance from the preceding year.

¹⁵ Includes \$41,207.03 expended for research from all sources other than Federal not included in preceding columns.

²⁰ \$3,750 borrowed; \$3,532.46 experiment station earnings.

²¹ Includes only funds expended through the college.

²² Not including \$34,691.90 provided by county funds and handed entirely by the counties and county agents.

²³ Including funds received for boys' and girls' club work which were not reported to the Department of Agriculture.

²⁴ Does not include all county funds.

²⁵ Does not include \$901.92 reported to the Department of Agriculture.

²⁶ Does not include a balance from the previous year of \$984.37, nor \$4,193.29 which was paid from college funds.

³⁰ Does not include funds not received by the college but reported by other organizations in the work of agriculture and home economics, \$14,730.

³¹ Includes \$5,467.55 from college appropriations.

³² From Vandalia College.

³³ \$47,240.08 for permanent improvements.

³⁴ Not including a balance of \$3,276.78 from previous year.

³⁵ Not including \$5,941.50 reported to the Department of Agriculture.

³⁶ \$5,111.12 for permanent improvements.

³⁷ Not including an appropriation of \$100,000 for extension work for Apr. 1, 1921, to Mar. 31, 1923.

³⁸ \$14,220 included under Louisiana State University and included in the grand total only once.

TABLE 25.—Expenditures for *practical instruction, not including institutions for colored students.*

Institutions. (For full list, see Table 2.)	For instruction.		For out-of-pocket and "bait" etc.		For hours' economic—		For all other divisions of the institution.		Total.	
	salaries.	other em- ploys.	salaries.	other em- ploys.	salaries.	other em- ploys.	salaries.	other em- ploys.		
	1	2	3	4	5	6	7	8	9	10
Alabama										
Auburn	841,194.48	\$29,712.40	\$44,730.85	89,677.90	16,097.00	89,763.00	\$92,057.97	98,449.85	247,363.60	
Montgomery	14,000.00	14,000.00	28,000.00	56,000.00	11,200.00	56,000.00	108,360.00	5,000.00	109,460.00	
Normal	80,176.00	40,076.00	28,200.00	12,020.00	1,420.00	7,990.00	191,368.00	34,137.00	317,114.00	
University	27,180.34	447,220.35	214,216.26	96,721.42	10,698.64	19,300.92	1,229,463.44	1,344,011.62	3,947,801.34	
Alaska										
University	57,567.29	66,172.71	56,172.71	56,768.40	10,698.64	13,272.36	72,419.81	82,665.25	261,444.01	
Arizona										
University	99,897.32	131,454.37	4,874.88	4,874.88	3,692.85	12,164.36	99,725.89	10,201.68	213,734.43	
Arkansas										
University	3,711.95	2,485.23	21,870.00	2,476.00	2,276.00	2,281.65	83,537.85	16,675.40	115,680.60	
California										
University	40,000.00	15,000.00	47,000.00	47,000.00	15,000.00		47,000.00	40,000.00	168,580.00	
Colorado										
University	50,520.41	81,927.01	8,093.00	8,093.00	253.44	10,800.00	17,090.45	1,116.11	207,811.47	
Connecticut										
University	5,100.00	1,800.00	9,400.00	1,450.00		4,300.00	117.12	85,135.42	24,897.29	
Delaware										
University	31,000.00	39,000.00	28,740.04	3,115.95	3,115.95	9,378.47	160,412.36	71,863.11	308,410.08	
District of Columbia										
University	24,000.00	34,100.00	28,100.00	42,715.79	27,000.00	27,000.00	97,786.48	191,428.71	1,268,001.11	
Florida										
University	3,341.00	104,128.10	48,298.80	17,424.90	3,341.30	17,424.90	233,411.95	43,494.71	670,900.91	
Georgia										
University	249,922.62	28,971.88	182,900.00	28,907.45	88,200.00	88,200.00	39,400.00	39,803.95	1,341,801.62	
Idaho										
University	57,405.40	58,400.00	80,000.00	147,000.00	34,700.00		278,000.00	64,901.00	773,906.40	
Illinois										
University	33,100.00	3,304.00	60,000.00	12,411.33	11,967.54	2,303.25	291,426.43	24,396.40	657,911.19	
Indiana										
University	72,000.00	4,400.71	28,000.00	7,200.00	6,210.00	3,477.49	103,471.62	59,991.95	276,899.78	
Iowa										
University	52,000.00	10,000.00	62,000.00	18,200.00	8,900.00	8,900.00	143,000.00	69,080.42	277,140.42	
Kansas										
University	47,100.00	9,670.00	37,520.00	5,480.00		8,000.00	1,800.00		1,087,677.19	
Kentucky										
University	100,000.00	120,010.11	120,010.11				300,000.00	678,000.00	1,921,000.00	
Louisiana										
University	30,478.11	240,752.77	394,400.00	29,600.00	35,106.77	40,400.00	948,706.91	97,377.64	891,752.29	
Maine										
University	34,800.00	27,000.00	291,700.00	18,575.15	31,444.40		1,340,846.40	472,812.01	3,480,797.70	
Maryland										
University	734,000.00	110,554.54	372,507.26	160,828.15	41,375.00	3,911.41	999,000.00	75,785.31	1,967,329.61	
Massachusetts										
University	11,500.00	75,200.17	17,200.17	17,200.17	18,000.48	1,970.40	90,608.08	79,672.01	1,312,408.01	
Michigan										
University	80,794.00	91,500.00	89,000.00	17,100.00	26,700.00	4,000.00	307,200.00	140,000.00	1,007,600.00	
Minnesota										
University	18,204.82	39,224.02	1,403.62	1,403.62	3,001.00		52,821.25	19,407.40	126,880.82	
Mississippi										
University	47,712.41	27,401.92	31,010.00	7,469.43	4,002.67	923.05	53,000.40	133,901.40	380,400.35	

New Jersey.....	60,576.39	11,394.82	49,030.43	15,780.90	3,019.65	910.88	116,871.28	137,511.58	136,701.54
New Mexico.....	25,205.89	36,449.78	18,135.52	12,415.16	87,315.00	75,284.26	868,211.73	1,621,770.14	350,529.04
New York.....	588,295.08	1,294,739.35	247,520.00	54,249.02	57,315.00	75,284.26	115,575.45	64,658.83	477,389.59
North Carolina.....	46,930.00	40,671.19	54,425.00	21,248.25	13,080.80	2,904.52	125,083.43	103,236.66	345,558.72
North Dakota.....	17,990.78	1,300.40	28,807.47	7,087.54	13,080.80	2,904.52	125,083.43	103,236.66	293,560.69
Ohio.....	67,972.48	38,421.23	22,944.54	1,093.72	20,887.30	1,173.57	188,195.68	154,465.79	405,154.31
Oklahoma.....	101,201.34	3,881.38	169,823.68	6,369.42	44,929.00	1,267.94	384,159.00	317,399.71	968,681.55
Oregon.....	350,993.14	183,083.37	167,038.63	60,678.77	32,320.89	9,995.83	814,515.93	656,077.00	2,274,723.76
Puerto Rico.....	9,472.24	9,330.27	10,066.67	3,529.25	3,370.00	5,436.00	125,715.08	19,082.78	186,292.29
Rhode Island.....	15,245.00	20,105.67	17,050.00	1,878.21	5,970.00	591.64	56,000.00	92,876.08	290,716.60
South Carolina.....	37,343.50	25,663.55	41,583.31	12,723.42	9,170.00	2,882.81	97,193.80	134,286.26	338,694.14
South Dakota.....	44,350.00	43,411.59	22,000.00	7,632.03	8,976.70	2,363.66	84,600.00	11,788.06	225,494.40
Tennessee.....	51,036.42	8,058.45	50,690.78	13,670.42	8,976.70	2,363.66	129,066.00	22,182.17	285,459.20
Texas.....	30,331.85	16,311.70	17,000.12	5,766.07	12,116.56	1,266.79	92,891.27	8,480.84	184,171.20
Utah.....	12,945.00	13,044.15	35,577.08	16,879.15	9,734.95	1,266.79	129,791.38	11,904.73	201,692.56
Vermont.....	24,214.62	3,751.19	54,657.51	5,847.87	16,508.63	4,288.31	69,843.83	89,994.52	181,251.03
Virginia.....	54,077.38	64,199.75	42,161.49	5,847.87	16,508.63	4,288.31	253,616.85	89,994.52	530,694.80
Washington.....	482,847.87	648,856.56	213,993.88	58,394.18	47,982.13	13,749.17	1,676,755.91	1,958,396.15	5,100,975.83
West Virginia.....	10,821.10	1,476.97	12,046.88	543.45	4,993.45	785.78	114,985.06	11,822.81	157,476.30
Wisconsin.....	4,725,776.13	4,810,678.60	3,385,521.92	1,004,908.76	746,366.30	242,793.18	14,911,957.26	9,887,455.48	40,700,814.82
Wyoming.....									
Total.....									

1 Excluding increase in inventory.
2 Includes \$985,357.19 not listed in preceding columns.

TABLE 2A.—*Value of property of land-grant colleges, 1920-21.*
INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

	1	2	3	4	5	6	7	Enrollment.		Total.
								From Federal land grants. ¹	Other endowment.	
										9
A. Columbia	85,000.00	813,000.00	.....	.....	\$20,000.00	\$800,000.00	\$253,500.00	\$51,000.00	.....	\$1,250,900.00
A. Cornell	1,000,000.00	1,000,000.00	10,000.00	.....	200,000.00	100,000.00	311,928.08	10,000.00	.....	1,720,328.08
A. C. Harvard	1,000,000.00	1,000,000.00	21,000.00	.....	127,000.00	110,000.00	112,000.00	200.00	.....	2,350,910.00
A. C. Johns Hopkins	1,000,000.00	1,000,000.00	111,000.00	.....	111,000.00	11,000,000.00	1,570,015.05	6,517,944.01	.....	23,172,065.12
A. C. Michigan	1,000,000.00	1,000,000.00	181,000.00	.....	220,000.00	100,000.00	107,111.00	.....	.....	2,125,508.00
A. C. Princeton	1,000,000.00	1,000,000.00	117,218.00	.....	57,500.00	2,102,984.00	137,000.00	121,000.00	.....	2,705,119.00
A. C. Wisconsin	1,000,000.00	1,000,000.00	14,800.00	.....	300,000.00	914,817.00	83,000.00	500,000.00	.....	2,027,143.00
A. C. Yale	1,000,000.00	1,000,000.00	20,000.00	.....	187,000.00	475,000.00	193,080.00	5,000.00	.....	1,000,340.00
A. C. University of California	1,000,000.00	1,000,000.00	83,000.00	.....	308,000.00	500,000.00	242,202.17	20,000.00	.....	1,549,930.17
A. C. University of Illinois	1,000,000.00	1,000,000.00	70,448.00	.....	370,000.00	95,201.00	.....	.....	.....	612,880.30
A. C. University of Minnesota	1,000,000.00	1,000,000.00	107,000.00	.....	70,000.00	800,000.00	1,200,000.00	.....	.....	2,805,884.00
A. C. University of Nebraska	1,000,000.00	1,000,000.00	1,777,202.12	.....	1,081,498.79	5,505,131.57	649,012.91	.....	.....	10,020,825.92
A. C. University of North Carolina	1,000,000.00	1,000,000.00	93,000.00	.....	220,000.00	1,725,000.00	440,000.00	101,500.00	.....	2,940,500.00
A. C. University of Oregon	1,000,000.00	1,000,000.00	114,564.00	.....	399,877.31	3,202,973.64	680,817.87	7,000.35	.....	5,746,048.60
A. C. University of Pennsylvania	1,000,000.00	1,000,000.00	811,000.00	.....	612,100.00	1,103,684.00	301,354.24	.....	.....	3,414,671.34
A. C. University of Texas	1,000,000.00	1,000,000.00	117,110.71	.....	257,745.08	1,249,322.44	114,075.00	10,000.00	.....	2,416,071.19
A. C. University of Wisconsin	1,000,000.00	1,000,000.00	284,449.11	.....	3,000.00	508,544.78	348,313.03	600.00	.....	1,358,108.34
A. C. University of Wyoming	1,000,000.00	1,000,000.00	43,446.00	.....	14,005.22	118,900.00	117,443.00	100,000.00	.....	3,023,980.35
A. C. University of Arizona	1,000,000.00	1,000,000.00	3,257.00	.....	85,800.00	1,710,130.00	.....	.....	.....	2,506,167.00
A. C. University of Colorado	1,000,000.00	1,000,000.00	30,875.00	.....	142,228.00	1,018,234.00	100,000.00	112,000.00	.....	2,134,056.78
A. C. University of Idaho	1,000,000.00	1,000,000.00	2,000,000.00	.....	2,000,000.00	7,000,000.00	734,000.00	11,902,000.00	.....	26,077,000.00
A. C. University of Montana	1,000,000.00	1,000,000.00	170,000.00	.....	300,132.30	1,200,700.00	1,071,475.12	.....	.....	3,162,757.62
A. C. University of Nevada	1,000,000.00	1,000,000.00	140,522.00	.....	3,071,917.13	7,082,977.58	2,212,159.79	1,931,700.00	.....	18,369,903.60
A. C. University of New Mexico	1,000,000.00	1,000,000.00	92,700.00	.....	137,650.00	906,500.00	230,287.65	.....	.....	1,979,900.28
A. C. University of Oklahoma	1,000,000.00	1,000,000.00	80,201.00	.....	840,000.00	2,218,767.00	600,332.19	1,176,403.81	.....	6,517,543.07
A. C. University of South Carolina	1,000,000.00	1,000,000.00	21,908.22	.....	182,000.00	2,509,145.00	1,088,919.88	.....	.....	5,007,266.54
A. C. University of Utah	1,000,000.00	1,000,000.00	75,000.00	.....	1,761,124.00	8,438,946.00	1,000,722.61	.....	.....	12,988,996.61
A. C. University of Vermont	1,000,000.00	1,000,000.00	40,000.00	.....	140,000.00	526,208.15	161,246.10	157,070.00	.....	1,155,167.27
A. C. University of Washington	1,000,000.00	1,000,000.00	17,448.00	.....	115,240.00	1,790,000.00	80,000.00	950,000.00	.....	3,192,846.00

New Jersey.....	114,500.00	284,000.00	23,300.00	512,800.00	1,182,113.75	116,000.00	.....	2,262,713.75
New Mexico.....	58,000.00	139,825.00	25,270.00	39,475.00	318,707.00	697,608.99	.....	1,278,885.99
New York.....	980,089.00	2,098,891.03	65,000.00	396,920.26	6,723,483.80	688,576.12	\$16,409,600.67	27,461,501.78
North Carolina.....	37,795.48	375,795.48	22,500.00	110,073.56	951,449.57	125,000.00	.....	1,622,818.61
North Dakota.....	48,829.00	312,000.00	27,000.00	95,000.00	736,000.00	1,479,997.53	.....	2,698,826.53
Ohio.....	473,071.51	1,457,932.63	33,984.05	2,151,045.55	3,217,134.84	749,465.33	308,618.20	8,391,252.11
Oklahoma.....	39,260.42	79,837.75	61,620.47	74,644.54	1,043,408.37	50,740.00	.....	1,369,491.55
Oregon.....	143,121.79	506,071.98	57,780.00	553,132.50	1,884,062.34	211,383.98	.....	3,336,152.59
Pennsylvania.....	200,000.00	419,120.95	82,429.15	152,180.00	2,201,152.85	517,000.00	14,745.87	3,586,928.82
Porto Rico.....	12,000.00	112,200.00	3,800.00	55,900.00	185,650.00	.....	.....	369,550.00
Rhode Island.....	40,800.00	107,000.00	.....	15,000.00	400,000.00	95,000.00	.....	612,800.00
South Carolina.....	33,216.00	429,842.28	51,876.77	354,279.00	1,107,585.00	55,900.00	.....	2,072,679.05
South Dakota.....	25,000.00	55,000.00	60,000.00	96,000.00	2,261,364.14	667,000.00	.....	3,164,364.14
Tennessee.....	100,632.75	286,947.70	50,768.50	971,850.00	1,330,863.93	400,000.00	25,000.00	3,176,122.88
Texas.....	30,670.00	806,144.48	63,099.30	178,221.21	2,358,025.93	269,000.00	.....	3,647,171.12
Utah.....	39,900.00	183,600.00	23,500.00	67,000.00	1,179,600.00	280,801.54	.....	1,774,401.54
Vermont.....	173,000.00	130,000.00	12,500.00	100,000.00	1,520,000.00	135,000.00	819,786.01	2,912,286.01
Virginia.....	20,000.00	239,962.00	41,645.00	124,207.00	629,159.00	344,312.00	.....	1,403,315.00
Washington.....	124,819.16	373,821.76	48,991.95	221,126.14	1,347,493.25	4,147,261.66	.....	6,263,513.92
West Virginia.....	138,043.25	395,661.49	45,347.00	1,000,000.00	985,500.00	115,000.00	6,650.00	2,666,201.74
Wisconsin.....	525,872.00	1,315,704.00	87,097.00	2,369,806.00	6,682,758.00	537,541.11	185,369.52	11,704,147.63
Wyoming.....	94,000.00	250,000.00	7,500.00	125,000.00	600,000.00	2,082,596.99	1,600.00	3,160,696.99
Total.....	9,058,603.60	29,388,407.17	2,243,370.07	24,305,183.29	97,046,296.77	30,629,395.83	44,465,792.47	237,137,049.20

INSTITUTIONS FOR COLORED STUDENTS.

Alabama.....	\$10,000.00	\$31,000.00	\$840.00	\$35,000.00	\$137,000.00	.....	\$213,840.00
Arkansas.....	500.00	22,000.00	1,250.00	20,000.00	117,000.00	.....	161,350.00
Delaware.....	200.00	3,850.00	3,133.00	31,000.00	35,250.00	.....	73,433.00
Florida.....	3,085.00	23,500.00	6,175.00	25,000.00	122,000.00	.....	179,760.00
Georgia.....	250.00	2,285.00	2,100.00	6,776.00	88,425.00	.....	99,836.00
Kentucky.....	500.00	9,000.00	3,592.00	67,500.00	277,118.97	\$20,925.00	378,635.97
Louisiana.....	1,000.00	3,338.75	4,300.00	500,000.00	370,000.00	.....	884,638.75
Maryland.....	350.00	20,000.00	3,000.00	11,000.00	74,000.00	.....	108,380.00
Mississippi.....	1,500.00	25,000.00	8,500.00	10,000.00	300,000.00	211,575.00	626,575.00
Missouri.....	1,000.00	500.00	1,500.00	30,000.00	200,000.00	.....	233,000.00

¹ Including the value of unsold land. For the amounts of these land-grant funds, see Table 27, columns 5, 6, 8, and 9.

² Figure given is book valuation—actual value approximately \$1,000,000.

³ Not segregated.

TABLE 25.—Income and disbursements from the 1862 land-grant fund and income from other Federal land-grant funds, year ended June 30, 1921.
INSTITUTIONS OTHER THAN THOSE FOR COLORED STUDENTS.

Institutions. (For full names see Table 7.)	From land-grant fund of 1862.							Income from other Federal land-grant funds.
	Amount of income available for use.			Disbursements.			Balance remaining unexpended on July 1, 1921.	
	Balance remaining unexpended on July 1, 1920.	Income for the year ended June 30, 1921.	Total available for the year.	For salaries.	For facilities.	Total.		
1	2	3	4	5	6	7	8	9
Alabama.....		\$20,280.00	\$20,280.00	\$20,280.00			\$20,280.00	
Arizona.....		32,669.78	32,669.78	32,669.78			32,669.78	
Arkansas.....		6,903.34	9,945.11	9,307.22		\$637.89	9,945.11	
California.....	\$8,011.77	39,763.42	39,763.42	39,763.42			39,763.42	\$4,272.84
Colorado.....	5,376.94	17,853.19	23,230.13	20,091.35			20,091.35	\$3,138.78
Connecticut.....		6,750.00	6,750.00	6,750.00			6,750.00	
Delaware.....		4,980.00	4,980.00	4,980.00			4,980.00	
Florida.....		7,665.00	7,665.00	7,665.00			7,665.00	
Georgia.....		16,954.14	16,954.14	12,600.00		2,354.14	16,954.14	
Idaho.....	5,066.58	49,565.69	54,632.27	17,572.67		36,881.78	54,404.45	
Illinois.....		32,450.65	32,450.65	32,450.65			32,450.65	
Indiana.....		17,000.00	17,000.00	17,000.00			17,000.00	
Iowa.....		31,812.93	31,812.93	31,812.93			31,812.93	
Kansas.....	942.42	24,923.95	25,866.37	25,866.37		23,869.80	23,869.80	
Kentucky.....		8,644.50	8,644.50	8,644.50			8,644.50	1,996.57
Louisiana.....		9,115.69	9,115.69	9,115.69			9,115.69	
Maine.....		5,915.00	5,915.00	5,915.00			5,915.00	5,440.00
Maryland.....		7,501.31	7,501.31	7,501.31			7,501.31	
Massachusetts.....		7,300.00	7,300.00	7,300.00			7,300.00	
Amherst.....		3,650.00	3,650.00	2,100.00		1,550.00	3,650.00	
Cambridge.....		70,685.37	70,685.37	70,685.37			70,685.37	
Michigan.....		28,159.15	28,622.65	28,622.65			28,622.65	35,440.99
Minnesota.....	463.50	5,914.50	5,914.50	5,914.50			5,914.50	8,472.86
Mississippi.....								

¹ The \$2,000 paid to the North Georgia Agricultural College is included in the total but not in the two preceding columns.

² Includes an annual State appropriation of \$2,047.41 to cover the deficiency on income required by law.

Wisconsin.....	11,934.07	11,934.07	11,934.07	.....	.....	.....	.....
Wyoming.....	15,894.14	15,894.14	8,942.12	2,339.65	11,281.77	4,612.37	64,896.04
Total.....	47,287.07	985,460.21	1,032,747.25	794,280.00	145,292.72	963,069.55	283,108.52

INSTITUTIONS FOR COLORED STUDENTS.

Kentucky.....	.....	\$1,255.50	\$1,255.50	\$1,200.00	\$55.50	\$1,255.50	.....
Mississippi.....	\$4,020.36	6,814.50	10,834.86	811.11	7,452.84	8,263.95	.....
South Carolina.....	2,538.88	5,754.00	8,292.88	1,530.00	1,014.98	2,574.98	.....
Virginia.....	.....	.....	.....	.....	.....	.....	.....
Hampton.....	.....	9,468.58	9,468.58	9,468.58	.....	9,468.58	.....
Petersburg.....	.....	890.78	890.78	890.78	.....	890.78	.....
Total.....	6,559.24	24,153.26	30,712.60	13,870.47	8,553.32	22,423.79	.....
Grand total.....	53,846.31	1,009,613.57	1,063,459.88	808,150.56	153,846.04	985,463.35	288,896.20

³ Bonds purchased and transfers.⁴ Includes an item of transfers of \$2,070.01.⁵ Includes an item of transfers of \$2,716.82.⁶ The Federal law making the grant does not specifically state that the grant was in lieu of the 1862 grant.

Misouri.....	35, 156.25	18, 172.89	4, 221.66	1, 100.00	2, 797.09	16, 983.35	35, 156.25
Columbia.....	11, 718.75	13, 452.84	14, 292.58	4, 747.22	3, 973.28	11, 816.60	11, 718.75
Kolla.....	50, 000.00	13, 167.00	8, 642.00	1, 503.00	.....	1, 717.48	50, 000.00
Montana.....	50, 000.00	12, 029.17	.....	8, 979.17	5, 891.67	12, 844.00	50, 000.00
Nebraska.....	50, 000.00	.....	.....	.....	.....	10, 708.33	50, 000.00
Nevada.....	50, 000.00	19, 317.35	9, 947.46	.....	5, 340.00	15, 395.19	50, 000.00
New Hampshire.....	50, 000.00	1, 768.33	8, 306.85	83.33	2, 700.00	37, 141.49	50, 000.00
New Jersey.....	50, 000.00	13, 239.85	10, 026.59	4, 548.27	7, 777.15	1, 183.73	50, 000.00
New Mexico.....	50, 000.00	6, 105.85	20, 000.00	1, 000.00	5, 000.00	2, 976.15	50, 000.00
New York.....	33, 500.00	13, 450.00	16, 730.00	.....	.....	254.80	33, 500.00
North Carolina.....	50, 000.00	16, 424.99	6, 575.00	4, 479.60	6, 393.76	13, 149.93	50, 000.00
North Dakota.....	50, 000.00	4, 254.57	18, 033.51	12, 671.49	1, 073.00	13, 933.48	50, 000.00
Ohio.....	45, 000.00	13, 679.86	8, 641.56	3, 789.99	2, 926.69	9, 464.28	45, 000.00
Oklahoma.....	50, 000.00	17, 950.00	10, 033.33	2, 875.00	2, 800.00	5, 717.72	50, 000.00
Oregon.....	50, 000.00	.....	.....	13, 000.00	.....	3, 791.67	50, 000.00
Pennsylvania.....	50, 881.51	9, 599.00	7, 656.00	.....	.....	17, 350.00	50, 000.00
Porto Rico.....	50, 706.12	7, 225.78	14, 313.42	2, 244.52	2, 093.02	14, 652.02	48, 701.25
Rhode Island.....	50, 000.00	11, 399.99	10, 694.99	4, 425.00	3, 450.00	14, 260.01	50, 000.00
South Carolina.....	25, 000.00	4, 016.64	10, 233.47	2, 616.64	3, 083.32	883.32	25, 000.00
South Dakota.....	50, 000.00	13, 000.00	9, 300.00	6, 800.00	4, 900.00	16, 090.00	50, 000.00
Tennessee.....	38, 000.00	12, 000.00	16, 250.00	.....	3, 250.00	3, 250.00	38, 000.00
Texas.....	37, 762.74	18, 235.40	7, 529.70	.....	225.00	11, 511.09	37, 762.74
Utah.....	50, 000.00	10, 870.77	9, 029.30	5, 350.08	4, 500.00	10, 874.97	50, 000.00
Vermont.....	50, 000.00	7, 812.00	21, 703.16	1, 000.00	16, 699.99	784.85	50, 000.00
Virginia.....	33, 333.34	4, 709.00	10, 590.00	2, 000.00	3, 700.00	1, 633.34	33, 333.34
Washington.....	50, 000.00	10, 659.25	13, 673.70	5, 705.32	3, 560.51	2, 432.97	50, 000.00
West Virginia.....	40, 000.00	.....	39, 325.83	.....	.....	673.17	40, 000.00
Wisconsin.....	50, 000.00	18, 000.00	20, 000.00	2, 500.00	2, 500.00	4, 500.00	50, 000.00
Wyoming.....	50, 000.00	3, 232.50	13, 803.53	7, 342.50	8, 424.56	11, 070.91	50, 000.00
Total.....	2, 248, 638.53	532, 312.69	597, 329.16	194, 639.16	160, 171.95	631, 296.63	2, 248, 984.85
	3, 851.15				15, 501.02	117, 734.24	3, 504.83

² Includes \$657.22 interest.

Includes \$702 interest.

TABLE 26.—Statistics of funds received under acts of Congress approved August 30, 1890, and March 4, 1907 (*Morrill-Nelson funds*).—Continued.

INSTITUTIONS FOR COLORED STUDENTS

Institutions. (For full name see Table 7.)	Balance on hand July 1, 1920.	Appropriation for year ended June 30, 1921.	Total amount available.	Disbursements.						For preparation of teachers of elements of agriculture and mechanic arts.	Total.	Balance on hand July 1, 1921.
				For instructions in—								
				Agriculture.	Engineering and mechanic arts.	English language.	Mathematical science.	Natural and physical sciences.	Economic science.			
1	2	3	4	5	6	7	8	9	10	11	12	13
Alabama.....	\$0.85	\$20,480.00	\$20,480.85	\$2,774.80	\$4,639.63	\$3,258.33	\$4,773.29	\$2,155.88	\$2,878.52	.....	\$20,480.45	\$0.40
Arkansas.....	336.15	13,635.36	13,972.51	2,663.27	5,132.40	1,992.33	1,040.00	.....	3,115.01	.....	13,945.01	27.50
Delaware.....	80.99	10,000.00	10,080.99	2,440.89	3,296.83	2,004.41	500.00	.....	1,149.75	.....	10,079.38	1.61
Florida.....	.80	25,000.00	25,000.80	5,704.68	9,313.36	3,514.78	1,413.75	1,917.38	5,195.97	\$638.28	25,000.20	.60
Georgia.....		16,696.66	16,696.66	3,095.21	7,292.92	2,135.71	1,902.00	965.82	1,365.00	.....	16,696.66	
Kentucky.....		7,250.00	7,250.00	2,669.95	770.66	1,790.00	1,535.00	511.50	32.89	.....	7,250.00	
Louisiana.....		20,267.52	20,825.84	2,780.75	5,187.61	4,598.74	2,706.18	2,073.16	3,479.40	.....	20,825.84	
Maryland.....	538.32	10,000.00	10,000.00	1,472.80	2,743.92	2,543.00	885.00	356.29	1,541.99	450.00	10,000.00	
Mississippi.....	107.09	27,299.27	27,376.36	4,290.67	8,485.37	3,951.95	1,822.16	1,964.40	6,890.31	.....	27,254.86	121.50
Missouri.....		3,125.00	3,125.00	880.00	821.54	.....	.....	.....	1,423.46	.....	3,125.00	
North Carolina.....		16,500.00	16,500.00	4,800.00	7,090.00	3,500.00	1,200.00	.....	.....	.....	16,500.00	
Oklahoma.....	52.95	5,000.00	5,052.95	1,307.45	1,807.45	2,248.63	2,239.14	.....	2,331.40	.....	1,307.45	3,745.50
South Carolina.....	612.94	25,000.00	25,612.94	3,797.15	7,907.56	2,989.96	1,543.00	356.29	2,905.00	3,466.16	25,000.00	612.94
Tennessee.....	574.74	12,000.00	12,574.74	3,256.65	5,075.59	2,050.00	1,855.00	1,000.00	.....	.....	11,132.24	1,442.50
Texas.....		12,500.00	12,500.00	3,747.84	4,616.54	1,000.00	10.00	1,658.07	1,467.55	.....	12,500.00	
Virginia.....		16,696.66	16,696.66	5,150.00	6,991.66	.....	1,750.00	1,000.00	1,775.00	.....	16,696.66	
West Virginia.....	.09	10,000.00	10,000.09	4,634.77	2,326.64	1,258.77	838.16	1,479.78	2,362.64	.....	9,900.76	99.33
Total.....	2,324.92	251,361.47	253,686.39	49,355.88	79,114.23	36,587.08	24,479.17	18,008.92	35,233.89	4,854.44	247,631.51	6,051.88
Grand total.....	6,176.07	2,500,000.00	2,506,176.07	581,668.57	676,443.39	231,227.14	184,631.12	649,305.55	152,968.13	29,355.46	2,496,619.36	9,556.71

TABLE 27.—*The 1862 land-grant fund and other land-grant funds, year ended June 30, 1921.*

State.	Federal land-grant of 1862 or grants in lieu thereof.				Other Federal land-grants.		
	Number of acres received.	Unsold land.		Amount of the fund, not including the value of unsold land.	Unsold land.		Amount of the fund, not including the value of unsold land.
		Number of acres.	Value.		Number of acres.	Value.	
1	2	3	4	5	6	7	8
Alabama.....	240,000	0	0	\$253,500.00	0	0	
Arizona ¹	150,000			344,928.08			
Arkansas.....	150,000	0	0	132,666.67	0	0	0
California.....	150,000	1,402.20	\$11,418.27	733,734.49	320	\$800.00	\$824,962.27
Colorado.....	90,000	40,000.00	400,000.00	271,444.00			
Connecticut.....	180,000			135,000.00			
Delaware.....	90,000			83,000.00			
Florida.....	90,000	0	0	151,800.00			41,280.00
Georgia.....	270,000	0	0	242,202.17	0	0	0
Idaho.....	90,000			700,000.00			800,000.00
Illinois.....	480,000	0	0	649,012.91	0	0	
Indiana.....	390,000	0	0	340,000.00	0	0	
Iowa.....	204,309	0	0	686,817.97	0	0	0
Kansas.....	90,000	7,686.00	9,607.50	491,746.74			
Kentucky.....	330,000			165,000.00			
Louisiana.....	209,920	0	0	182,313.03	0	0	136,000.00
Maine.....	210,000	0	0	118,300.00	0	0	0
Maryland.....	210,000	0	0	117,643.60	0	0	0
Massachusetts.....	360,000	0	0	219,000.00	0	0	
Michigan.....	235,663	50,359.15	23,500.00	1,001,425.12			
Minnesota.....	94,439	0	0	579,430.26	14,076.51	116,694.27	1,516,034.76
Mississippi.....	209,920	0	0	212,150.00	0	0	239,212.55
Missouri.....	277,057	45,413.00	181,652.00	365,881.19	0	0	122,000.00
Montana.....	138,954	61,424.76	614,247.60	227,064.40	35,294.67	352,946.70	494,091.18
Nebraska.....	90,000	7,156.29	50,093.89	638,287.95	12,130.13	84,910.91	263,429.86
Nevada.....	90,000	0	0	109,807.73	13	16.25	51,692.12
New Hampshire.....	150,000	0	0	80,000.00	0	0	
New Jersey.....	210,000			116,000.00			
New Mexico.....	150,000	140,000.00	600,000.00	97,608.99			
New York.....	989,920	0	0	688,576.12	0	0	
North Carolina.....	270,000	0	0	125,000.00			
North Dakota ²	130,000	22,527.32	405,491.76	1,074,505.77			
Ohio.....	629,000	0	0	524,176.50	0	0	225,288.83
Oklahoma ³	250,000	0	0	50,740.00	0	0	0
Oregon.....	89,908	820.00	8,000.00	203,383.98			
Pennsylvania.....	780,000			500,000.00			17,000.00
Rhode Island.....	120,000			50,000.00			
South Carolina.....	180,000			191,800.00			
South Dakota ⁴	160,000	128,576.00	1,285,760.00	975,604.14			
Tennessee.....	300,000			400,000.00			
Texas.....	180,000			209,000.00			
Utah ⁵	200,000	514.65	1,286.63	279,514.91			
Vermont.....	149,920	0	0	135,000.00	0	0	
Virginia.....	300,000	0	0	516,468.00	0	0	0
Washington.....	89,438	69,981.86	1,399,637.20	506,566.95	78,968.49	1,579,369.80	661,687.71
West Virginia.....	150,000	0	0	115,000.00	0	0	
Wisconsin.....	240,005	40.00	120.00	303,594.61	160.63	790.00	233,036.50
Wyoming.....	89,832	63,657.51	636,575.10	162,041.31	32,931.84	329,318.40	954,662.18
Total.....	10,928,295	639,558.74	5,627,389.95	16,457,337.59	173,895.27	2,464,846.33	6,580,377.96

¹ The total number of acres granted was as follows: University, 246,080; in lieu of the 1862 grant, 150,000; school of mines, 150,000. These grants have not been kept separate in their administration. The \$344,928.08 is thus the total fund from sales of all grants.

² The grant consisted of 90,000 acres in lieu of the 1862 grant and of 40,000 acres additional for the college. In the statistics the grants are not separated.

³ The Federal act making the grant does not specifically state that the grant was in lieu of the 1862 grant. The information given is not complete.

⁴ The grant consisted of 120,000 acres in lieu of the 1862 grant, and of 40,000 acres additional for the college. In the statistics the grants are not separated.

